



PRODUCT LIST FEBRUARY 2012

PENRITE

HPR ENGINE OILS FOR PREMIUM PERFORMANCE

Penrite HPR premium engine oils are a range of products designed to lubricate all passenger vehicles from modern everyday compact and family cars to high performance cars, light commercials (<3.5MT GVM), 4WD's and some grades are also suitable for modern four stroke motorcycles. Originally designed for Australian conditions, they provide complete protection for your engine no matter what you drive or where you are. All HPR products contain **full zinc** levels.

HPR 0 (SAE 0W-30)

HPR00001, HPR00005, HPR00020, HPR00205

Full synthetic engine oil for use in the latest generation of high performance engines. Ideal where this viscosity or SAE 0W-20 or 5W-20 oils are recommended. Suitable for use where the fuel economy ACEA A1/B1 and A5/B5 oils are recommended for use such as in Volvo and Chrysler. May also be used where ILSAC GF-3 and GF-4 is specified. Vehicles fitted with DPFs may need to use Enviro+ or Diesel HD oil as appropriate. Not recommended for four stroke motorcycles. Key Specifications: API SL/CF, ACEA A3/B4, Ford M2C945A, GM 4718M, MB 229.3



HPR 5 (SAE 5W-40)

HPR05001, HPR05005, HPR05006, HPR05010, HPR05020, HPR05060, HPR05205

Full synthetic engine oil for use in the latest generation of high performance engines. Ideal where this viscosity or SAE 5W-30 or 10W-30 oils are recommended. Particularly suited for engines with variable valve timing as well as where ILSAC GF-3/GF-4/GF-5 and ACEA A1/B1, A5/B5 fuel economy oils are called for. Suitable for use in many light duty diesel engines, especially those from Europe. Suitable for use in four stroke motorcycles.

Key Specifications: API SN/CF, ACEA A3/B4, Ford M2C912/913/153G/H, MB-Approval 229.5, BMW Longlife-01 Approved, JASO MA1



HPR 10 (SAE 10W-50)

HPR10001, HPR10005, HPR10006, HPR10010, HPR10020, HPR10060, HPR10205

Full synthetic wide range viscosity engine oil developed to give the optimum balance between engine protection and fuel economy/power retention. Recommended for use in a wide range of vehicles built since 1996 including those that require 10W-40 and 15W-40 grade oils. HPR 10 now replaces most applications for Everyday Full Synthetic 10W-40 however some applications may require HPR 5 or 10 Tenths Racing SAE 10W-40.

Key Specifications: API SN/CF, ACEA A3/B4, Ford M2C905A3/910/153F/G, HN2100, MB 229.1



HPR 15 (SAE 15W-60)

HPR15001, HPR15005, HPR15010, HPR15020, HPR15060, HPR15205

Full synthetic engine oil formulated primarily for use in "older" engines that require SAE 15W-50 or 20W-50 grades such as pre 1997 Australian family cars. HPR 15 may be used in many applications where SIN 15W-50 and SIN 10W-70 were recommended.

Key Specifications: API SN/CF, ACEA A3/B4, Ford M2C 153E/902A3, Opel B0401013



HPR 30 (SAE 20W-60)

HPR30001, HPR30005, HPR30020, HPR30060, HPR30205

Premium mineral oil formulated for use in conventional engines operating under a high load environment. It provides better oil pressure and consumption control and is recommended where SAE 20W-50 oils were originally recommended. Not recommended for four stroke motorcycles with wet clutches.

Key Specifications: API SM/CF, ACEA A3/B3, Ford M2C153E



HPR 40 (25W-70)

HPR40001, HPR40005, HPR40020, HPR40060, HPR40205

High viscosity petrol engine oil for use in larger capacity engines where climatic temperatures necessitate an oil of a higher viscosity or where oil consumption is becoming an issue with lighter viscosity grades. Also recommended for selected older large capacity petrol engines fitted with aftermarket turbochargers and in large capacity competition engines.

Key Specifications: API SL



HPR 50 (40-70)

HPR50001, HPR50005, HPR50020, HPR50060, HPR50205

Extra high viscosity petrol engine oil for use in older large six and eight cylinder engines especially those subjected to heavy/extreme load situations such as caravan/boat towing or in competition. Equally suitable for large capacity engines with severe oil consumption problems.

Key Specifications: API SL





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HPR DIESEL 5 (SAE 5W-40)

HPRD5001, HPRD5005, HPRD5010, HPRD5020, HPRD5060, HPRD5205

Semi-synthetic high performance engine oil for use in the modern generation of high performance diesel engines including turbocharged. Ideal where this viscosity, SAE 5W-30 or 10W-30 is recommended. Primary recommendation for Land Rover Td5, Ford, Mazda, Mercedes and Holden Jackaroo 3.0L diesel engines and in diesel engines fitted with hydraulically controlled fuel injectors. Vehicles fitted with DPFs may need to use Enviro+ or Diesel HD as appropriate. Also suitable for petrol and LPG engines.

Key Specifications: API CI-4 PLUS/SL, ACEA A3/B4/E7, MB 229.3, Global DLD-2/3, JASO MA



HPR DIESEL 15 (SAE 15W-50)

HPRD15001, HPRD15005, HPRD15010, HPRD15020, HPRD15060, HPRD15205

Semi-synthetic oil designed for use in most modern direct and indirect injection diesel engines including turbocharged. Ideal for new diesel vehicles under manufacturer's warranty and normal driving conditions. Note: some vehicles may require Enviro+, HPR Diesel 5, HPR 5 or Diesel HD. Also suitable for petrol and LPG engines. May be used where Diesel GS was recommended.

Key Specifications: API CI-4 PLUS/SL, ACEA A3/B4/E7, Global DLD-1/3 & DHD-1, JASO DH-1, JASO MA



HPR DIESEL (SAE 20W-60)

HPRD001, HPRD005, HPRD010, HPRD020, HPRD060, HPRD205

High viscosity engine oil for use in older diesel, petrol and LPG engines operating in extreme climates, under high loads or where oil consumption with conventional viscosity grades is a problem. May be used in turbocharged engines.

Key Specifications: API CH-4/SJ, ACEA A3/B3/E7, Ford M2C911A1, Global DLD-1, JASO MA



HPR GAS 10 (SAE 10W-50)

HPRG10001, HPRG10005, HPRG10020, HPRG10060, HPRG10205

Semi-synthetic oil designed for use in newer LPG engines where SAE 15W-40 or 15W-50 oils are required. Contains carefully selected additives to minimise nitration of the oil, maintaining bearing life. May be used in newer fleets of mixed fuelled (ie diesel, petrol, gas) light vehicles including turbocharged engines. May be used in four stroke motorcycles.

Key Specifications: API CI-4/SL, ACEA A3/B3, Ford M2C905A3/910A/153F/G, Global DLD-3, HN2314, JASO MA



HPR GAS (SAE 20W-60)

HPRG001, HPRG005, HPRG020, HPRG060, HPRG205

Higher viscosity oil developed specifically for older LPG fuelled cars and light commercial vehicles. Contains carefully selected additives to minimise nitration of the oil, maintaining bearing life. May be used in older fleets of mixed fuelled light vehicles including turbocharged engines. Suitable for use in four stroke motorcycles. May also use HPR Diesel in these applications.

Key Specifications: API CG-4/SL, Ford M2C902A3, JASO MA



ENVIRO+ SYNTHETIC OILS FOR LOW EMISSION ENGINES

Penrite Enviro+ engine oils are a range of full synthetic low and mid-SAPS engine oils to provide lasting protection for light duty petrol and diesel vehicles equipped with long life catalysts and/or diesel particulate filters.

ENVIRO+ 5W-30

EPLUS5W30001, EPLUS5W30005, EPLUS5W30010, EPLUS5W30020, EPLUS5W30060, EPLUS5W30205

OEM approved low ash oil for petrol and light duty diesel engines (with DPF). Enviro+ 5W-30 is recommended for Volkswagen Group petrol (including FSI and TFSI) and diesel engines. This includes Audi, Skoda and Porsche. Also ideal for other premium European brands such as Porsche and Lamborghini.

Key Specifications: VW 504.00/507.00 Approved, BMW Longlife-04 Approved, MB-Approval 229.51, Porsche C30 Approved



ENVIRO+ 0W-40

EPLUS0W40001, EPLUS0W40005, EPLUS0W40020, EPLUS0W40060, EPLUS0W40205

A wide viscosity range product for petrol and light duty diesel engines (with DPF). May be used where 0W-30 oils are required and where ACEA C2 is required. Suitable for use where ACEA A3/B4 is recommended prior to MY 2011 (ACEA 2010).

Key Specifications: API SN, ACEA C2/C3, MB 229.31





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ENVIRO+ 5W-40

EPLUS5W40001, EPLUS5W40005, EPLUS5W4010, EPLUS5W40020, EPLUS5W40060, EPLUS5W40205

A wide viscosity range product for petrol and light duty diesel engines (with DPF). May be used where 5W-30 oils are required and where ACEA C2 is required. Ideal for a wide range of engines including BMW, Porsche, Mercedes Benz, Nissan, Hyundai, Kia, Holden and Mitsubishi. OEM Approved technology. Suitable for use where ACEA A3/B4 is recommended prior to MY 2011 (ACEA 2010).

Key Specifications: API SN/CF, ACEA C2/C3, MB-Approval 229.51, VW 502.00/505.00 Approved, VW 505.01, BMW Longlife-04, Porsche A40 Approved, GM dexos™-2, GMW 16177



ENVIRO+ DL-1 (SAE 5W-30)

EPLUSDL1001, EPLUSDL1005, EPLUSDL1010, EPLUSDL1020, EPLUSDL1060, EPLUSDL1205

A low-ash oil designed for use where ACEA C1/C2 or JASO DL-1 is specified in the owner's handbook. Examples include Mazda diesel, Mitsubishi diesels and Citroen diesels fitted with DPFs. Also suitable for use in petrol engines that require this specification.

Key Specifications: ACEA C1/C2, JASO DL-1 Registration Number D061POA001, Ford M2C934B



ENVIRO+ C4 (SAE 5W-30)

EPLUSC4001, EPLUSC4005, EPLUSC4010, EPLUSC4020, EPLUSC4205

A low-ash oil designed for use where ACEA C4 is specified in the owner's handbook. Examples include 2011 Nissan Pathfinder and Navara 3.0 turbo diesel and many Renault and Samsung vehicles. May be used where ACEA C1 is required.

Key Specifications: ACEA C4, Renault RN 0720, Ford M2C-934B



ENVIRO+ GF-5 (SAE 5W-30)

EPLUSGF5001, EPLUSGF5005, EPLUSGF5010, EPLUSGF5020, EPLUSGF5060, EPLUSGF5205

A mid-SAPS oil designed for modern US, Australian and Asian petrol engines that require SAE 5W-30 oils. Suitable for engines originally requiring older API or ILSAC specifications and in GM engines where GM 4718M was specified.

Key Specifications: API SN Resource Conserving, ILSAC GF-5, GM dexos™-1, Ford M2C-946A, GMW 16181



ENVIRO+ 10W-40

EPLUS10W40001, EPLUS10W40005, EPLUS10W40010, EPLUS10W40020, EPLUS10W40060, EPLUS10W40205

Full synthetic, OEM Approved low ash (low SAPS) engine oil for modern four stroke turbo charged and naturally aspirated engines. Made using the latest advances in European additive technology. May be used at oil drain intervals of up to 120,000km in European heavy duty diesel engines as well as many light duty diesel engines. Compatible with SCR/DPF equipped trucks and buses. Suitable for use in cooled EGR or normal EGR. Replaces Diesel SP.

Key Specifications: API CJ-4/SM, ACEA E4/E6/E9, Volvo VDS-4 Approved, MAN 3277 CRT/3477/3575, Cummins CES 20081, Mack EO-O Premium Plus Approved, Renault RLD-3 Compliant, MB-Approval 228.51



HEAVY DUTY TRUCK DIESEL ENGINE OILS

DIESEL HD (SAE 15W-40)

DHD005, DHD010, DHD020, DHD060, DHD205, DHD1000LTR

OEM Approved, premium hydrocracked mineral low ash engine oil, meeting the latest US standards for heavy duty diesel oils. It is suitable for use in engines equipped with EGR/Cooled EGR. Ideal for use in mixed fleets of vehicles including in petrol engines. Replaces Diesel LA and Diesel GS.

Key Specifications: SAE 15W-40, API CJ-4/SM, ACEA E9, MB-Approval 228.31, MAN 3575, Volvo VDS-4 Approved, Cummins 20081 Approved, Mack EO-O Premium Plus 07 Approved, Renault RLD-3 Approved, JASO DH-2, Detroit PGOS 93K218



DIESEL FX (SAE 15W-40)

DFX005, DFX010, DFX020, DFX060, DFX205, DHD1000LTR

High quality, heavy duty oil designed for use in mixed fleets and in many types of heavy and light duty diesel engines. Suitable for use in naturally aspirated and turbocharged diesel engines and in petrol and LPG engines.

Key Specifications: API C1-4 PLUS/SL, ACEA E7/A3/B3, MB 228.3/229.1, MAN 3275, Cummins 20076/77, Mack EO-M Plus





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MONO TRUCK OILS (SAE 30, SAE 40 AND SAE 50)

MONO30020, MONO30205, MONO40020, MONO40205, MONO50020, MONO50205

Mono 30 is a mid-ash monograde engine oil for use in older Japanese four stroke engines and other engines used in off road applications. Mono 40 and 50 are low ash oils designed for use in Detroit Diesel two stroke engines and in engines that need heavier monograde oils. Mono 50 may be used in manual transmissions requiring API GL-1 90 or CC/CD SAE 50 engine oils.

Key Specifications: API CF-2/CF/SF

CEPSA EUROTRANS SHPD SAE 5W-30

CEPEUROSHPD530205

Full synthetic, OEM Approved, full SAPS engine oil for modern four stroke turbo charged and naturally aspirated engines. Compatible with SCR equipped trucks and buses. Suitable for use in cooled EGR or normal EGR. Can provide up to 4% fuel savings in heavy goods vehicles compared to 15W-40 oils.

Key Specifications: ACEA E4/E7, MB-Approval 228.5, Iveco 18-180 4FE, Renault RXD



CEPSA EUROTRANS SHPD SAE 10W-40

CEPEUROSHPD1040205

Full synthetic, OEM Approved, full SAPS engine oil for modern four stroke turbo charged and naturally aspirated engines. Compatible with SCR equipped trucks and buses. Suitable for use in cooled EGR or normal EGR.

Key Specifications: API CI-4/ACEA E4/E7, MB-Approval 228.5, Scania LDF-2 Approved



10 TENTHS FULL SYNTHETIC ENGINE OILS

Penrite Ten Tenths Full Synthetic engine oils are a range of engine oils that provide the ultimate protection in on road and competition applications. All products are made from man-made PAO (Group IV) and Esters (Group V) and contain full zinc levels.

10 TENTHS RACING 0 (SAE 0W-20)

RACING0W20001, RACING0W20005, RACING0W20020, RACING0W20205

Fully synthetic, full zinc, shear free, friction modified and enhanced high performance grade for maximum power. Uses an API SN level additive package for additional wear protection but due to the full zinc levels, this product is unable to claim API SN.

Key Specifications: API SL/CF



10 TENTHS RACING 5 (SAE 5W-30)

RACING5W30001, RACING5W30005, RACING5W30020, RACING5W30205

Fully synthetic, full zinc, shear free, friction modified and enhanced high performance grade for maximum power. Uses an API SN level additive package for additional wear protection but due to the full zinc levels, this product is unable to claim API SN.

Key Specifications: API SL/CF





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10 TENTHS RACING 10 (SAE 10W-40)

RACING10W40001, RACING10W40005, RACING10W40020, RACING10W40205

Fully synthetic, full zinc, shear free high performance grade, for use where SAE 10W-30 oils are specified. Suitable for many older European petrol and light duty diesel engines and in a wide variety of petrol engines. Also ideal for four stroke motorcycles with wet clutches. Can be used in many applications formerly handled by Everyday Full Synthetic 10W-40.

Key Specifications: API SN/CF, BMW LL-98, MB 229.1, JASO MA, VW 502.00/505.00



10 TENTHS RACING 15 (SAE 15W-50)

RACING15W50001, RACING15W50005, RACING15W50020, RACING15W50205

Fully synthetic, full zinc, shear free, high performance grade for use where SAE 15W-40 oils are specified. Suitable for many older European petrol and light duty diesel engines and in a wide variety of petrol engines. Also ideal for four stroke motorcycles with wet clutches. Replaces SIN 15.

Key Specifications: API SN/CF, BMW LL-98, MB 229.1, JASO MA, VW 502.00/505.00



10 TENTHS RACING 20 (SAE 20W-60)

RACING20W60001, RACING20W60005, RACING20W60020, RACING20W60205

Fully synthetic, full zinc, shear free high viscosity, high performance grade for use where SAE 20W-50 oils are specified. Suitable for a wide variety of petrol engines. Also ideal for four stroke motorcycles with wet clutches. Replaces SIN 20.

Key Specifications: API SN/CF, BMW LL-98, MB 229.1, JASO MA, VW 502.00/505.00



10 TENTHS PREMIUM 0 (SAE 0W-50)

FS0W50001, FS0W50005, FS0W50020, FS0W50205

Fully synthetic, full zinc, high performance grade, for use where SAE 0W-40 oils are specified. Suitable for many older European petrol and light duty diesel engines and in a wide variety of petrol engines. Also ideal for four stroke motorcycles with wet clutches. Replaces SIN 0.

Key Specifications: API SN/CF, BMW LL-98, MB 229.1, JASO MA, VW 502.00/505.00



10 TENTHS PREMIUM 5 (SAE 5W-60)

FS5W60001, FS5W60005, FS5W60020, FS5W60205

Fully synthetic high performance grade, for use where SAE 5W-50 oils are specified. Also suitable for some European petrol engines and in four stroke motorcycles with wet clutches. Replaces SIN 5.

Key Specifications: API SN/CF, BMW LL-98, MB 229.1, JASO MA, VW 502.00/505.00



10 TENTHS PREMIUM 10 (10W-70)

FS10W70001, FS10W70005, FS10W70020, FS10W70205

Fully synthetic high performance grade, for use where SAE 10W-50 oils are specified. Also suitable for some European petrol engines and in four stroke motorcycles with wet clutches. Replaces SIN 10.

Key Specifications: API SN/CF, BMW LL-98, MB 229.1, JASO MA, VW 502.00/505.00



EVERYDAY PREMIUM MINERAL OILS

Value brand mineral motor oils suitable for general-purpose applications in mid-range petrol and diesel fuelled motor vehicles. Available in five grades.

EVERYDAY ENGINE OIL SAE 5W-30

PMO05005

Light viscosity grade mineral oil designed for use where ILSAC GF-3 grades are required and in applications where only mineral oils are specified such as in the Mazda RX-8.

Key Specifications: API SL, ILSAC GF-3

EVERYDAY ENGINE OIL SAE 10W-30

PMO10005

Light viscosity grade mineral oil designed for use where ILSAC GF-3 grades are required and in motorcycles

Key Specifications: API SL, ILSAC GF-3

EVERYDAY ENGINE OIL SAE 15W-40

PMO15005

General purpose mineral oil designed for use in a wide range of petrol and light duty diesel engines including in motorcycles.

Key Specifications: API SL/CF-4





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EVERYDAY ENGINE OIL SAE 20W-50

PMO20005

General purpose mineral oil for older petrol and light duty diesel engines and in motorcycles where this grade is required.

Key Specifications: API SL/CF-4

STOPS OILS BURNING 30-70

PMO30005

High viscosity mineral oil for use in older petrol engines suffering from excessive oil consumption. Penrite HPR 40 and HPR 50 may also be used.

Key Specifications: API SJ

WORKSHOP ENGINE OIL RANGE - PRO ENGINE OILS

Designed specifically for garages and workshops, Penrite Pro Engine Oils meet the ILSAC and API engine oil specifications for Australian, US and Japanese origin cars. All are available in 205L and 20L drums. In addition Pro 15 Plus can be used in European petrol and in many light duty diesel engines.

PRO 5 SAE 5W-30

PRO5020, PRO5205

Light viscosity grade oil designed for use where ILSAC GF-5 grades are required.

Key Specifications: API SN Resource Conserving, ILSAC GF-5

PRO 10 SAE 10W-30

PRO10020, PRO10205

Light viscosity grade oil designed for use where ILSAC GF-5 grades are required.

Key Specifications: API SN Resource Conserving, ILSAC GF-5

PRO EXTRA SAE 10W-40

PROEXTRA020, PROEXTRA205

High quality, semi-synthetic workshop grade for use in a wide range of modern petrol and light duty diesel engines.

Key Specifications: API SM/CF, ACEA A3/B3

PRO 15 SAE 15W-50

PRO15PLUS020, PRO15PLUS205

High quality, full mineral workshop grade for use in a wide range of modern petrol and light duty diesel engines.

Key Specifications: API SM/CF, ACEA A3/B3

PRO 20 SAE 20W-50

PRO20020, PRO20205

Designed for use in many older petrol and some light duty diesel engines.

Key Specifications: API SM/CF

MODERN MOTORCYCLE OILS

MC-2ST SYNTHETIC TWO STROKE OIL

MC2FULLSYN001CP, MC2FULLSYN004, MC2FULLSYN020

Ultimate full synthetic, ester based two-stroke oil for high performance motorbikes, go karts and in other severe two stroke applications. It exceeds ISO EG-D and JASO FD. It 64% biodegradable according to OECD 301B, making it friendlier to the environment than mineral oils. Replaces SIN Two Stroke.

Key Specifications: ISO EG-D, API TC, JASO FD



MC-2ST SEMI SYNTHETIC TWO STROKE OIL

MC2SEMISYN001CP, MC2SEMISYN004, MC2SEMISYN020

Semi synthetic two-stroke oil for high performance motorbikes, go karts and in other severe two stroke applications.

Key Specifications: ISO EG-C, API TC, JASO FC





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MC-4ST SAE 5W-50

MC45W50001, MC45W50004, MC45W50020, MC45W50205

Fully synthetic, high performance grade for use where SAE 5W-40 oils are specified. Uses a special combination of synthetic base oils and additives to prevent clutch slip.

Key Specifications: API SN/CF, ACEA A3/B3, JASO MA

MC-4ST SAE 10W-50

MC410W50001, MC410W50004, MC410W50020, MC410W50205

Semi synthetic, high performance grade for use where SAE 10W-40 oils are specified. May also be used in diesel powered agri-bikes. Uses a special combination of synthetic and mineral base oils and additives to prevent clutch slip.

Key Specifications: API CH-4/SL, JASO MA

MC-4ST SAE 15W-50

MC415W50001, MC415W50004, MC415W50020, MC415W50205

Premium mineral, high performance oil grade for use where SAE 15W-40 or 20W-50 oils are specified. May also be used in diesel powered agri-bikes. Uses a special combination of additives to prevent clutch slip.

Key Specifications: API CG-4/SL, JASO MA

MC-4ST HD50

MC4HD50001, MC4HD50004

Premium mineral, monograde oil SAE 50 is specified such as in pre 1984 Harley Davidson.

Key Specifications: API SG/CD

SMALL ENGINE OILS – FOUR STROKE

FOUR STROKE MULTIGRADE SAE 10W-30

SEFS1030001, SEFS10300025, SEFS1030020, SEFS1030205

Non-friction modified, semi-synthetic engine oil for use in modern small air and water-cooled petrol engines. Best suited for four stroke mowers, small stationary engines and other gardening equipment.

Key Specifications: API SL/CF, ACEA A3/B3

FOUR STROKE MONOGRADE SAE 30

SEFS30001, SEFS300025, SEFS30005, SEFS30020, SEFS30205

A general-purpose monograde engine oil for small four stroke petrol engines particularly those with side valve configuration. Also recommended for use in many pre-1970 stationary diesel engines.

Key Specifications: API SG/CD, MIL-L-2104B

FOUR STROKE MULTIGRADE SAE 20W-50

SEFS20W50001, SEFS20W500025

A general-purpose multigrade for small four stroke petrol engines particularly those with overhead valve configuration. It is suitable for use in many four-stroke motorcycles.

Key Specifications: API SG/CF, JASO MA

SMALL ENGINE OILS – TWO STROKE

HI-PER TWO STROKE OIL

SEHPTS001, SEHPTS0025, SEHPTS020, SEHPTS205

High performance, semi-synthetic, low smoke oil suitable for warranty service in two stroke engines requiring API TC/JASO FC oils or higher. Mixes readily with petrol. Suitable for Sea Doo jet skis as well as in chainsaws operating under severe conditions.

Key Specifications: ISO EG-C, API TC, JASO FC

GREENKEEPERS TWO STROKE ENGINE OIL

SEGNKTS0002, SEGNKTS001, SEGNKTS0025, SEGNKTS020, SEGNKTS205

Recommended for use by the home gardener or small business in motor mowers, brush cutters, hedge trimmers, agricultural and industrial two stroke power units. Mixes readily with petrol.

Key Specifications: API TC/FB





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GENERAL PURPOSE TWO STROKE OIL

GPTS001CB

Recommended for use by the home gardener or small business in motor mowers, brush cutters, hedge trimmers, agricultural and industrial two stroke power units. Mixes readily with petrol.

Key Specifications: API TC/FB

LEISURE MARINE PRODUCTS

SYNMARINE OUTBOARD TWO STROKE OIL

SMOB0025

Fully synthetic, low smoke two stroke outboard engine oil suitable for premix and direct injection systems. May be used in large capacity outboards and is 67% biodegradable according to OECD 301F, making it friendlier to the marine environment than mineral oils.

Key Specifications: NMMA Certifiable, TC-W3[®]



MARINE OUTBOARD TWO STROKE OIL

OUTB001, OUTB005, OUTB010, OUTB020, OUTB205

Low smoke oil suitable for use in water cooled outboard engines using both oil-injection and pre-mix fuel systems as well as the new direct injection engines. Mixes readily with petrol.

Key Specifications: NMMA Approval Number RL-00419J, TC-W3[®]



MARINE OUTBOARD FOUR STROKE ENGINE OIL SAE 10W-50

MAR40025, MAR4010, MAR4205

Premium multigrade engine oil designed to offer the best protection against wear and salt water corrosion in marine outboard and in board engines. May also be used in four stroke motorcycles.

Key Specifications: NMMA FC-W[®] Performance, JASO MA, API SL

MARINE OUTBOARD GEAR OIL

MAR75900005, MAR7590020

Semi-synthetic gear oil suitable for most outboard and stern drives units.

Key Specifications: API GL-4/5

AUTOMATIC TRANSMISSION FLUIDS

All Penrite automatic transmission fluids (ATFs) can be used in cars and trucks where specified. They may also be used as compressor fluids or as power steering fluids where ATFs are specified.

ATF FS MULTI-VEHICLE FULLY SYNTHETIC AUTO TRANS FLUID

ATFFS001, ATFFS004, ATFFS020, ATFFS060, ATFFS205

Full synthetic transmission oil ideal as an upgrade from ATF MHP as a fully synthetic product and can be used in most European and Asian automatic transmissions. Meets the widest range of US, European and Japanese performance requirements. May be used in power steering units that require ATFs. Replaces ATF FM5.

Key Specifications: Ford M2C-202B, Mitsubishi MM SP3, Chrysler 7176E (ATF+3[®]/4[®]), Toyota T-II/T-IV/WS, Nissanmatic J, K and S, Opel, MB 236.10/11, LT 71141, ATF 3403, JASO 1A, MERCON[®]-V

ATF MHP MULTI-VEHICLE SEMI SYNTHETIC AUTO TRANS FLUID

ATFMHP001, ATFMHP004, ATFMHP020, ATFMHP060, ATFMHP205

Semi-synthetic automatic transmission fluid for Mitsubishi, Hyundai, Proton and some Kia motor vehicles. Can be used in these vehicles where MM SP, MM SP2, MM SP3 and DEXRON[®]-III fluids are specified. Also suitable for Ford, Nissan, Honda and Toyota automatic transmissions and European built Holdens. Suitable for many European 4/5 speed automatic transmissions and as a universal top-up fluid. May be used in power steering units that require ATFs.

Key Specifications: Mitsubishi MM SP3, Chrysler 7176E (ATF+3[®]/4[®]), Toyota T-II/T-IV, Nissanmatic C, D, J and K, Opel, MB 236.10/11, LT 71141, ATF 3403, JASO 1A, MERCON[®]-LV

ATF DX3 MULTI-VEHICLE MINERAL AUTO TRANS FLUID

ATFDX3001, ATFDX3004, ATFDX3020, ATFDX3060, ATFDX3205

Extended drain fluid suitable for pre 2006 automatics and power steering systems of GM (Holden) vehicles as well as many European and Japanese manufacturers.

Key Specifications: DEXRON[®]-IIIH (obsolete), MERCON[®]-IV (obsolete), Allison C-4/V-30D/TES-389, MB 236.1/236.10/236.11/236.5, Ford M2C 166H, Volvo 97341





PRODUCT LIST FEBRUARY 2012

PENRITE

ATF DX-VI

ATFDX6001, ATFDX6004, ATFDX6020, ATFDX6205

Full synthetic extended drain fluid (400,000km) suitable for all 4, 5 and 6 speed automatics used by Holden in Australian and US built vehicles.

Key Specifications: GM DEXRON®-VI License Number J-60312



ATF BMV

ATFBMV205

Full synthetic transmission oil for use where the transmission fluid is required to be undyed. Can be used in most European and Asian automatic transmissions. Meets a wide range of US, European and Japanese performance requirements. May also be used in power steering units that require ATFs.

Key Specifications: MB 236.10/11, LT 71141, Ford M2C-202C, Mitsubishi MM SP3, Chrysler 7176E (ATF+3®/4®), Toyota T-II/T-IV, Nissanmatic J and K, Opel, ATF 3403, JASO 1A

CVT FLUID V

CVTV004, CVTV020

Special oil for continuously variable transmissions (CVT) that use the Van Doorne belt system such as those found in Nissan, Chrysler, MG, Mercedes Benz, Dodge, Mitsubishi and many others. Not suitable for Honda or in Luk type CVTs as used by Audi (Multitronic) or Subaru.

Key Specifications: Nissan NS-2, MB 236.20

ATF 33

ATF33001, ATF33004, ATF33020

Special purpose auto transmission fluid that delivers sharp shifts. Ideal when you want the gears to change sharply and not smoothly. Also recommended where the old Ford Type F and Type G oils are required. Replaces SIN Comp Auto 33.

Key Specifications: Ford M2C-33F/G

CEPSA ATF 3000S

CEPATF3000S205

Full synthetic, OEM Approved, automatic transmission fluid for long service life in automotive and heavy duty transmissions.

Key Specifications: MB-Approval 236.9, ZF TE ML 09/14B/16L Approved, DEXRON®-IIIH, Allison C4



HEAVY DUTY TRANSMISSION OILS

SYNFLEET 50 SAE 50

SYNF50020, SYNF50205

Premium fully synthetic transmission fluid approved for the extended drain warranty requirements of Eaton (Road Ranger) transmissions.

Key Specifications: API CF, Caterpillar TO-4, Volvo 1273.13, Mack TO-A Plus, Eaton PS 164 Rev 7 Approved



FLEET-TRANS C4 SAE 10W

FTC4020, FTC4205

Heavy duty transmission and hydraulic fluid suitable for use in transmissions, torque converters and hydraulic units in a wide variety of equipment.

Key Specifications: Allison C-4, Caterpillar TO-4, ZF TE-ML 01/03

FLEET-GEAR 30 SAE 30

FG30020, FG30205

Transmission and gear oil primarily for use in Caterpillar and Komatsu powershift transmissions. Recommended for heavily loaded Allison transmissions in forklifts and other equipment.

Key Specifications: API CF, Allison C-4, Caterpillar TO-4, ZF TE-ML01/ML03

FLEET-GEAR 50 SAE 50

FG50020, FG50060, FG50205

Gear and transmission oil for use in many on-road transmissions, including Eaton-Fuller, Volvo and Spicer and for Caterpillar off-road final drives where specified.

Key Specifications: API CF, Caterpillar TO-4, Volvo 1273.13





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PENRITE

FD-01 FLUID SAE 60

FD01020, FD01205

A heavy duty, SAE 60 final drive oil specially designed for Caterpillar final drives and axles.
Key Specifications: Caterpillar FD-1.

MANUAL GEAR AND DIFFERENTIAL OILS

Penrite manual transmission oils are formulated with special friction modifiers to give a smooth gear shift for the life of the oil change. Our Hypoid and Limslip Gear oils feature "Clean Gear" technology, to keep the components clean and extend their life. All are suitable for passenger cars, light and heavy commercial vehicles.

SIN GEAR OIL 75 (SAE 75W-90) AND 80 (SAE 80W-140)

SING750025, SING75020, SING75205, SING800025, SING80020, SING80205

Premium full synthetic gear oils designed for maximum protection, life and performance. Exceeding API GL-5 and GL-6 they may be used in transmissions and differentials of all types of high performance cars. SIN Gear Oil 80 has been especially enhanced to survive the extremes of V8 operations. Full limited slip performance.

Key Specifications: API GL-5/6, MIL-PRF-2015E, Ford M2C-200C (75W-90), Ford M2C-190A . (80W-140)
Holden HN 2040 (80W-140)

SIN MANUAL TRANS SAE 75W-85

SINMT0025, SINMT020, SINMT060

Full synthetic, special low viscosity gear oil designed for use in automotive and motorcycle gear boxes. Can improve cold shift performance.

Key Specifications: MB 235.4

TRANSAXLE 75 SAE 75W-90

TAO750025, TAO75020, TAO75060, TAO75205

Premium European technology semi-synthetic gear oil suitable for use in many modern manual transmissions where GL-4 or GL-5 SAE 75W-90 oils are specified. Can help to smooth shifts where SAE 80W-90 oils are in use and is ideal for large four wheel drives. Also suitable for differentials.

Key Specifications: API GL-5/MT-1 Plus, 235.5/235.6, BTR 5M-31, MAN 342, Mack GO-J (level)

MANUAL GEAR OIL 70 SAE 70W-75

MGO70750025, MGO7075020

New Generation technology, premium full synthetic gear oil suitable for use in many modern 6 speed manual gearboxes where originally a synthetic or mineral automatic transmission fluid was specified. Ideal for T-56 manual transmissions and VW/Land Rover gear boxes.

Key Specifications: API GL-4 Plus, BOT338

MANUAL GEAR OIL 75 SAE 75W-80

MGO7580001, MGO75800025, MGO7580020, MGO7580060, MGO7580205

New Generation technology, semi-synthetic gear oil suitable for use in many modern manual gearboxes where originally an automatic transmission fluid was specified. Can be used where SAE 75W-80 or 80W grades are specified in the handbook. Provides superior cold shift characteristics.

Key Specifications: API GL-4 Plus, Honda MTF 7389, Land Rover MTF94, MB 235.10

MANUAL GEAR OIL 80

MGO8085001, MGO80850025, MGO8085020, MGO8085060, MGO8085205

Advanced gear oil suitable for modern manual gearboxes and some transaxles where the manufacturer recommends an SAE 80W, 80W-85, 75W-90 or 80W-90 API GL-4 gear oil.

Key Specifications: API GL-4, MB 235.5, BTR 5M-42, HN 1820

HYPOID 80W-90

HYP8090001, HYP80900025, HYP8090020, HYP8090060, HYP8090205

A hypoid and spiral bevel gear oil ideal for differentials and manual gearboxes of cars and trucks.

Key Specifications: SAE 80W-90, API GL-5, PG-2, MT-1, Mack GO-J, MIL-L-PRF-2105E

HYPOID 85W-140

HYP85140001, HYP851400025, HYP85140020, HYP85140060, HYP85140205

Designed for use in heavy duty or older differentials and where specified by the manufacturer.

Key Specifications: SAE 85W-140, API GL-5, PG-2, MT-1, Mack GO-J, MIL-L-PRF-2105E





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PENRITE

HYPOID 140

HYP140020, HYP140205

For use in large trucks, buses etc. and rear differentials in some recreational 4WDs. Helps quieten worn differentials.

Key Specifications: SAE 140, API GL-5, PG-2

LIMSLIP 90

LIM90001, LIM900025, LIM90020, LIM90060, LIM90205

Limited slip differential oil for vehicles in standard on-road use. Exceeds API GL-5 and the obsolete API GL-6. Contains an initial fill level of limited slip additive.

Key Specifications: SAE 80W-90, API GL-5/6, PG-2, MT-1, MIL-L-PRF-2105E

LIMSLIP 85W-140

LIM85140001, LIM85140025, LIM85140020, LIM85140060, LIM85140205

A heavier version of Limslip 90 that can be used in vehicles subjected to extreme temperature or where the vehicle manufacturer recommends this viscosity.

Key Specifications: SAE 85W-140, API GL-5/6, PG-2, MT-1, MIL-L-PRF-2105E

LIMSLIP 140

LIM140001, LIM140025, LIM140020, LIM140060, LIM140205

Heavy limited slip gear oil suitable for use in some heavy commercial vehicles and 4WDs.

Key Specifications: SAE 140, API GL-5/6, PG-2

LIMSLIP ADDITIVE

LSADD000150

Top treat used to alleviate problems associated with chatter in all limited slip and spin resistant differentials.

LZ 7906

LZ7906000150

Top treat used to alleviate shift problems in some GMH and Ford 5 speed manual transmissions that use automatic transmission fluids. Not designed for use with gear oils. May be used where PEN4297 has been used and to assist in reducing power steering noise.

HDPS FLUID

HDPS001

Specialized semi-synthetic fluid containing advanced extreme pressure additives and long life friction modifiers designed specifically for Honda Dual Pump differentials used in the CRV and HRV small SUVs. May be used in manual transmissions that require ATFs.

Key Specifications: Honda DPSF

CEPSA TRANSMISIONES FE+LD 75W-80

CEPFELD7580050, CEPFELD7580205

Full synthetic, OEM Approved fluid for manual gearboxes (including automated manual gearboxes) to provide long service life and smooth gear shifts. Ideal for AS Tronic gearboxes in trucks.

Key Specifications: ZF TE ML 02D Approved, API GL-4, Volvo 97305, MAN 341 Z-3/E-3



CEPSA TRANSMISIONES MBT 75W-90

CEPMBT7590205

Full synthetic, OEM Approved gear oil suitable for a wide range of vehicles. It is particularly recommended for Mercedes Benz ACTROS vehicles using the latest generation of synchronised boxes.

Key Specifications: MB- Approval 235.11, API GL-4



CEPSA TRANSMISIONES EP FE+LD 75W-90

CEPEPFELD7590050, CEPEPFELD7590205

Full synthetic, OEM Approved fluid for differentials and gearboxes that require long drains, durable shifts and special friction properties. Provides drain intervals of up to 120,000km to 160,000km.

Key Specifications: MB- Approval 235.8, API MT-1/GL-5, Scania STO 1:0, MAN 3343 Type S, ZF TE ML 02B/05B/ 07B/12B/16F/17B/19C/21B





PRODUCT LIST FEBRUARY 2012

MEGOL GETRIEBEOEL POWER TRANSMISSION SAE 80W-90

MEGPT8090200

Premium quality OEM Approved fluid for differentials that require long drains, durable shifts and special friction properties. Provides drain intervals of up to 350,000km.

Key Specifications: MB- Approval 235.20, API MT-1/GL-5, MB 236.0/236.6, MAN 342 M2



SPECIAL AUTOMOTIVE PRODUCTS

BRAKE FLUID

BF0005, BF020

For use in all brake systems and hydraulic clutches requiring non-petroleum type fluids. Typical boiling point 275°C (525F). May be used where DOT 3 or DOT 4 fluids are specified.

Key Specifications: US FMVSS No 116 Super DOT 4, Class 3/270, AS1960.1-2005 Grade 3, SAE J1703/1704, ISO 4925 Class 3

SIN BRAKE FLUID

SINBF0005

Fully synthetic, long life, high boiling point fluid (over 300°C/600F) for maximum braking performance.

Key Specifications: US FMVSS No 116 Super DOT 4.

SIN CASTOR SYNTHETIC

SINCAS001

A castor and ester blend engine oil designed for use in high performance kart engines and in model aircraft. Soluble and stable in methanol and E85 petrol/gasoline. Will mix with petrol/gasoline and E10 petrol/gasoline but needs to be used immediately as settling will occur within a short time period.

POWER STEERING AND SUSPENSION PRODUCTS

LHM PLUS

LHMP001, LHMP020

Hydraulic suspension fluid for Citroen vehicles built after April 1964. Use only in vehicles fitted with a reservoir with green lid. Also suitable for other vehicle suspension systems and in vehicles requiring mineral brake fluid such as Audi, Jaguar (HSMO), Rolls Royce and in some tractors. Not suitable for Citroen C5 with orange reservoirs.

Key Specifications: VWG 2000, Renault PSA B71 2710, MF 1151, Ford ESN M6C 59A

LDAS

LDAS001

Green coloured premium synthetic hydraulic suspension fluid designed for the power steering and braking systems of prestige European vehicles, such as Mercedes Benz and BMW that use Pentosin CHF 11S or MB 345.0 fluids. Also suitable for Citroen C5 with orange reservoirs and Holden vehicles with electro-hydraulic power steering. Can be used to upgrade LHM Plus.

Key Specifications: MB 345.0, Ford M2C 204A, Citroen 99 7969, Fendt X 902.011.622, Rolls Royce RH 5000, BMW 81 22 9 407 758, Porsche 000.043.203.33

PAS FLUID

PAS001

Semi-synthetic fluid designed for use in Land Rover ACE and power steering systems. Also suitable for use in power steering systems that require automatic transmission fluids and in all Chrysler/Jeep power steering systems and US built GM/Holden/GMC.

Key Specifications: Land Rover PAS 14315, Chrysler MS 5931/MS9462, MB 236.3, MB 341, Ford M2C195A, GM 9985010

HPSO

HPSO001

Full synthetic fluid designed specifically for Honda (and some Rover) power steering systems. Can be used in XR series Falcons that require a synthetic power steering fluid and in competition applications.

Key Specifications: Honda PSF-II, PSF-S, PSF-V

PENRITE





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PENRITE

MB15 SUSPENSION FLUID

MB15001

Suspension fluid for use in Mercedes Benz self-levelling units. May also be used in hydraulic systems requiring an ISO 15 grade oil.

Key Specifications: MB 343.0

POWER STEERING FLUID

PSF0005, PSF001, PSF020

Designed for use in power steering systems where automatic transmission fluids are specified and in Ford Falcon power steering units.

Key Specifications: Ford M2C-134D

OFF-HIGHWAY FARM AND CONSTRUCTION MACHINERY OILS

UNIVERSAL FARM OIL SAE 20W-40

UFO020, UFO205

A STOU (Super Tractor Oil Universal) oil suitable for engine, transmission and hydraulics of farm tractors. Can reduce squawk in wet brake/wet clutch applications where normal tractor fluids have proven ineffective.

Key Specifications: SAE 20W-40/85W-90, API CG-4/SJ/GL-4, Ford M2C86A/134C/D/159B/C, JDM 27, Case MS1206/1207/1210/1230, MF 1135/1139/1141/1143

TRACTOR TRANSMISSION & HYDRAULIC FLUID

TTH010, TTH020, TTH205

A special transmission oil for use in tractors and machinery combining hydraulic systems and transmissions, particularly those with wet brakes/wet clutches as fitted to John Deere and Massey Ferguson, Kubota, JI Case etc.

Key Specifications: SAE 10W-30/75W-80, API GL-4, Ford M2C134C/D, JD 20A/B/C/D, Case MS 1206/1210, Case Hytrans Plus, UDT, ISO HV68

ENGINE COOLANTS

5 YEAR EXTENDED DRAIN ANTI FREEZE/ANTI BOIL COOLANT CONCENTRATE

5YRAFAB001, 5YRAFAB005, 5YRAFAB010, 5YRAFAB020, 5YRAFAB205

An extended-life, full OAT glycol-based anti-freeze/anti-boil with a premium organic inhibitor, suitable for protecting cast iron and aluminium. Meets the most demanding standards for petrol and diesel engine manufacturers. Lasts up to 5 years in light duty vehicles and should be used at a 50% dilution rate. European OEM approved technology. Coloured magenta.

Key Specifications: AS 2108-2004 Type A, MAN 324-SNF, BMW, GM6277M, VW TL774D/F (G12/G12+), Isuzu, Ford ESE M97-B44C/D, MB 325.3

Also available as 50% Ready-to-use Premix

5 YEAR EXTENDED DRAIN ANTI FREEZE/ANTI BOIL COOLANT PREMIX

5YRAFABPMX001, 5YRAFABPMX005, 5YRAFABPMX010, 5YRAFABPMX020, 5YRAFABPMX205

4 YEAR LONG DRAIN ANTI-FREEZE/ANTI-BOIL COOLANT CONCENTRATE

4YRAFAB001, 4YRAFAB005, 4YRAFAB010, 4YRAFAB020, 4YRAFAB205

A European style glycol-based product that protects against over-heating, freezing and corrosion. Suitable for use in a wide range of vehicles. Lasts up to 4 years and can be used at dilution rates from 33%-50%. European OEM approved technology. Coloured green.

Key Specifications: AS 2108-2004 Type A, Ford M97-B44A, TMC RP329, MB 325.0, MAN 324NF, BMW, HN 2217, VW TL774B/C (G11), Isuzu

Also available as 33% Ready-to-use Premix

4 YEAR LONG DRAIN ANTI-FREEZE/ANTI-BOIL COOLANT PREMIX

4YRAFABPMX001, 4YRAFABPMX005, 4YRAFABPMX010, 4YRAFABPMX020

3 YEAR STANDARD DRAIN ANTI FREEZE ANTI BOIL

3YRAFAB020, 3YRAFAB205

A US-Style glycol-based product that protects against over-heating, freezing and corrosion. Suitable for V6 Commodore requiring "V"-Series Coolants and many other OEMs. Coloured dark green. Replaces Pro Anti Freeze Anti Boil.

Key Specifications: AS 2108-2004 Type A, MAN 324NF, Ford ESE M97-51B





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PENRITE

RADIATOR INHIBITOR

R1020

A non-glycol based radiator inhibitor suitable for general workshop requirements.
Key Specifications: AS 2108-2004 Type B, ESR FM7C 35C, R1-4C.

HD LONGLIFE EC01 ANTIFREEZE ANTIBOIL

AFABEC01005, AFABEC01020, AFABEC01205, AFABEC011000LTR

Penrite HD Longlife EC01 Anti-Freeze is a hybrid organic product suitable for use in the cooling systems of most truck and bus engines where a conventional or hybrid type coolant has been specified. This includes in diesel engines with wet liners. Also ideal in agricultural and construction equipment. It is formulated to last 8000 hours in off-highway equipment or 4 years/600,000km in on highway trucks. Coloured Red.
Key Specifications: AS 2108-2004 Type A, Caterpillar EC-1, MB 325.3, Isuzu (GM 6277), JASO M325.
Also available as 50% Ready-to-use Premix

HD LONGLIFE EC01 ANTIFREEZE ANTIBOIL PREMIX

AFABEC01PMX005, AFABEC01PMX020, AFABEC01PMX205, AFABEC01PMX1000LTR

HD ANTI FREEZE ANTI BOIL 50/50 PREMIX

HDAFAB50020, HDAFAB50205

Penrite Heavy Duty AFAB 50/50 may be used in the cooling systems of most car, truck and bus engines where a conventional or hybrid type coolant has been specified. This includes in diesel engines with wet liners and also in agricultural and construction equipment. Coloured green.

Key Specifications: AS 2108-2004 Type A, Ford M97-B44A, TMC RP329, MB 325.0, MAN 324NF, BMW, HN 2217, VW TL774C, Isuzu

SIN RACING COOLANT

SINCOOL001

Red coloured, water-based radiator hybrid organic inhibitor for maximum heat transfer.

Key Specifications: AS 2108-2004 Type B

GREASES

HIGH TEMPERATURE WHEEL BEARING GREASE

HTGR00045, HTGR0005, HTGR0025, HTGR020, HTGR055, HTGR180

Purple-coloured, lithium complex grease for the lubrication of wheel bearings, particularly those in vehicles fitted with disc brakes, trailer applications, marine use and for general chassis greasing. Excellent resistance to water washout.

Key Specifications: NLGI 2

QCA GREASE MX9

QCAG00045, QCAG020

Advanced mixed complex grease with 9% solids for ultimate performance in agricultural, mining and construction equipment. Can be used for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings and CV Joints.

Key Specifications: NLGI 2

MOLY GREASE EP 3%

MOLY00045, MOLY0005, MOLY0025, MOLY055, MOLY180

Lithium grease containing molybdenum disulphide for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings.

Key Specifications: NLGI 2

INDGREASE BM3

IGRBM300045

A bentone based grease containing molybdenum disulphide. It is particularly suitable for Terex Finlay BL-Pegson Cone Crushers. May also be used for the lubrication of ball joints, king pins and universal joints and open surfaces such as trailer couplings and where high temperatures are experienced.

Key Specifications: NLGI 3

EXTREME PRESSURE GREASE

EPGR00045, EPGR0005, EPGR0025, EPGR020, EPGR055, EPGR180

Red coloured lithium grease for general-purpose industrial and automotive greasing applications.

Key Specifications: NLGI 2





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PENRITE

RUBBER GREASE

RUBGR0005, RUBGR020

Red, clay-based grease with castor base oil for lubrication of natural or synthetic rubber components where a grease is required that will not perish rubbers.

Key Specifications: NLGI 2

GRAPHITE GREASE

GRGR0005

Calcium-based grease containing graphite for lubrication of brake cables, flexible drives, exposed chains and for general chassis lubrication of pre-1960 vehicles.

Key Specifications: NLGI 3

SEMI FLUID GREASE

SEMI00045, SEMI020

NLGI 00 semi-fluid grease. Ideal for industrial applications requiring an extreme pressure fluid grease such as centralised systems, slasher gear boxes, fifth wheel and grease filled hubs. Can be used where either NLGI 00 or 000 grades are required.

Key Specifications: NLGI 00

COPPER EZE

CEZE00005, CEZE0005, CEZE0025

Non-melt, bentone-based anti-seize compound containing copper and other solid lubricants. Ideal for protecting external components against seizing and corrosion. Recommended for coating threads, nuts and bolts, exhaust manifold studs and drum/disc brake external parts. NB: Must not be applied to brake friction surfaces nor used for lubricating/assembling engine/gear train internal components.

Key Specifications: NLGI 1.5

CAM ASSEMBLY LUBE

CAM00004

For lubricating engine components during assembly. Ideal on camshafts, connecting rods and bearings. Not for use on pistons or in ring area.

INDUSTRIAL OILS

INDUS HYDRAULIC OILS

INDUS HV RANGE ISO 46, 68 AND 100

INDUSHV46005, INDUSHV46020, INDUSHV46205

INDUSHV68005, INDUSHV68020, INDUSHV68205

INDUSHV100020, INDUSHV100205

Premium high viscosity index zinc-free fluids for service in industrial, marine and agricultural applications subjected to a wide range of ambient temperatures. Dyed blue-green for easy identification.

Key Specifications: Vickers I-286-S3/ M-2952-S, DIN 51524 Part 3 (HLP/HV), US Steel 126, 127, Hagglunds AC-4.8, ISO 6743 Part 4 Type HV, AAMA 524 Part 3, Cincinatti Milacron P-68, P-69, P-70, AFNOR NFE 48-603, Denison HF-2, HF-0, SAE MS1004, Bosch Rexworth RE90 220

INDUS PRO HYDRAULIC RANGE (AND HYDRAULIC OIL)

PROHYD32005, PROHYD32020, PROHYD32205,

PROHYD46005, PROHYD46010, PROHYD46020, PROHYD46205

PROHYD68005, PROHYD68010, PROHYD68020, PROHYD68205, HYD68001

A range of low zinc high quality hydraulic oils suitable for many hydraulic systems in both automotive and industrial applications. 1L pack is sold as Hydraulic Oil 68.

Key Specifications: Denison HF0/HF1/HF2, Vickers I-286-S/ M-2950-S, Cincinatti Milacron P-68, P-69, P-70 (HM), DIN 51524 Part 2 (HLP Type), US Steel 126, 127

INDUS GEAR OILS

INDUS GEAR OIL EP ISO 150, 220, 320, 460 AND 680

GO150020, GO150205, GO220020, GO220205, GO320020, GO320205, GO460020, GO460205,

GO680020, GO680205

Premium industrial gear oils made from highly refined mineral oils and an advanced extreme pressure additive system. Suitable for use in all applications requiring a low level of EP in industrial applications.

Key Specifications: API GL-3, AGMA 250.04, AGMA 2005-D94, Cincinatti Milacron, US Steel 224





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PENRITE

INDUS GEAR OIL SYN 220

GOSYN220020

Premium fully synthetic industrial gear oils suitable for use in applications requiring a low level of EP in industrial and in some automotive applications where long drains or high temperatures are encountered.

Key Specifications: API GL-3, AGMA 250.04, AGMA 2005-D94, Cincinnati Milacron, US Steel 224

OTHER PRODUCTS

INDUS COMPRESSOR OIL 4KH-46

CO4KH46020

Synthetic compressor fluid manufactured from the latest ashless additive technology and severely hydrotreated and synthetic base oils. May be used in many reciprocating, rotary vane and centrifugal compressors that require an ISO 46 oil of this type. Contact Penrite for exact details.

Key Specifications: SAE M 1003-2

INDUS ROCKSLIDE ISO 68 AND 320

RS68020, RS320205

Premium extreme pressure industrial slideway and rock drill oils for air hammers, lathes and as a gear oil where a tacky product is required.

Key Specifications: API GL-3, US Steel 224, Muller Weingarten, AGMA 250.04, Cincinnati Milacron P-47 (ISO 68) DIN 51502 CGLP68, Cincinnati Milacron P-50 (ISO320), DIN 51502 CGLP320

HYDRAULIC JACK OIL

HJ00005

Premium ISO 46 oil suitable for all hydraulic jacks, presses, hoists, rams and hydraulic power packs requiring a mineral oil.

Key Specifications: Vickers I-286-S/ M-2950-S

CEPSA BIO OIL HM-S ISO 46 AND 68

CEPBIO46200, CEPBIO68200

Ester based, synthetic biodegradable hydraulic oil compatible with commonly available gaskets and rubbers used in hydraulic systems (such as Viton, Perbunan, nitrile NBR, Neoprene, Silicone etc)

Key Specifications: VDMA 24568 Class HEES, ISO 15380 Class HEES, EU Ecolabel FR/27/07



CHAINSAW BAR OIL

CSB001, CSB005, CSB020, CSB205

A premium chain bar oil with an extra clinging ability to protect both chain and bar on chainsaws.

Key Specifications: ISO 150

METALWORKING FLUIDS

HONING OIL

HON020, HON205

For use in honing machines. Provides long stone life and superior finish to work. Can be used for machining and honing of cast iron, free machining of steel and thread cutting and deep hole drilling of ferrous materials. Made from advanced hydrocracked base stocks.

SOLUBLE OIL

SOL005, SOL020

General-purpose soluble cutting oil made by using advanced emulsifiers, a bactericide and hydro-cracked base oils for many turning, milling, drilling and grinding operations.

FUEL SYSTEM PRODUCTS

UPPER CYLINDER AND LPG LUBRICANT

UCL001

Dual-purpose product designed for use in LP Gas and dual fuel systems to protect against reduced lubrication due to gas dryness and as an effective injector cleaner in petrol engines. Can be used in dripper systems or added to the fuel at a treat rate of 50ml to 50L of fuel. Note, this product darkens if exposed to light.





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PENRITE

VALVESHIELD

VSHIELD0005

A fuel additive formulated to substantially reduce the problem of exhaust valve seat wear (VSR) when using unleaded fuel. Tested to meet the UK Federation of Car Clubs test criteria.

Key Specifications: AS 4430.2-1996

PENBLUE

PENBLUE010, PENBLUE210, PENBLUE1000LTR

Penblue is an Aqueous Solution of Urea 32.5% in weight, and its trade name is that of an automotive grade urea solution, AUS 32, AdBlue®. AdBlue® is a NOx reducing agent required by SCR technology in vehicles that must comply with the emissions rules imposed by the European regulations EURO 4 and EURO 5. May be used in both light duty and heavy duty vehicles.

Key Specifications: DIN 70070, AUS 32

SONAX FUEL INJECTION AND CARBURETTOR CLEANER

250 ml 519100

Cleans carbon deposits and blockages in fuel injectors also safe with oxygen sensors and catalytic converters. Prevents fuel system rust and corrosion. Lubricates pump, fuel regulator and injectors. Reduces fuel consumption and prevents problems such as ignition difficulties, noisy idling, poor fuel intake and decreased performance.

SONAX DIESEL SYSTEM CLEANER

250 ml 518100

Removes deposits from injectors and in the piston-combustion chamber areas, cleans the entire fuel system. Protects against corrosion and wax formation and reduces exhaust emissions.

CARBY AND INJECTOR CLEANER SPRAY

400 ml 503300

For easy cleaning and de-greasing of carburetor housing, throttle bodies, carburetor jets, intake systems etc.

VINTAGE, VETERAN AND CLASSIC LUBRICANTS

HERITAGE ENGINE OILS LTM AND MTH

HERLTM005, HERMTH005

Two engine oils designed to fulfil the requirements of Pre 1920 veteran, Edwardian cars, stationary engines and agricultural machinery fuelled by petrol, kerosene (paraffin) or diesel.

HERITAGE LTM (Light to Medium) and HERITAGE MTH (Medium to Heavy)

Key Specifications: SAE 30 (LTM), SAE 50 (MTH)

SHELSLEY ENGINE OILS LIGHT, MEDIUM AND HEAVY

SHELLO05, SHELM005, SHELM020, SHELH005

Designed for 1920-1950s era petrol and diesel engines.

SHELSLEY LIGHT is an SAE 20W-60 oil for use where SAE 30 oils were originally recommended, SHELSLEY MEDIUM is a 25W-70 oil for use where SAE 40 oils were originally recommended and SHELSLEY HEAVY is a 40-70 oil for use where SAE 50 oils were originally recommended.

Key Specifications: API SC/CC

CLASSIC ENGINE OILS LIGHT, MEDIUM AND HEAVY

CLASL005, CLASM005, CLASH005

Designed for 1950-1970s era petrol and diesel engines.

CLASSIC LIGHT is an SAE 20W-60 oil for use where SAE 30 or old style SAE 20W-50 or 20W oils were originally recommended. CLASSIC MEDIUM is a 25W-70 oil for use in warmer climates than Classic Light or where SAE 40 oils were originally recommended. CLASSIC HEAVY is a 40-70 oil for use in high ambient temperatures or where old style SAE 50 oils were originally used. Also ideal in large engined vehicles that may be suffering from oil consumption problems.

Key Specifications: API SG/CD

HD OIL 50-70

HD005

A classic extra high viscosity multigrade, high zinc, non-friction modified engine oil for use in older large capacity engines, including pre-Evolution Harley Davidsons.

Key Specifications: API SF





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PENRITE

ENDURO FOUR STROKE MOTORCYCLE OIL

END005, END020, END205

A classic non-friction modified, high zinc engine oil for air and water-cooled engines. Ideal for Evolution engined Harley Davidsons and large capacity (greater than 600cc) European motorcycles, in high temperature operation and in high mileage units. Harley Davidson Twin Cam and post 1992 should use HPR Gas/Diesel.
Key Specifications: API SG, JASO MA

GEAR OIL 30 & 40

GB30001, GB40001

Two gear oils suitable for classic sports cars, especially those fitted with overdrive gearboxes. Designed for use where the original monogrades engine oils were recommended in gearboxes.
Key Specifications: API GL-1/3, SAE 20W-60 AND 25W-70

MILD EP GEAR OIL

MILD001

An API GL-4 rated gear oil for use in worm differentials, pre 1960 hypoid differentials and motorcycle shaft drives. The non-conventional EP and antiwear additive system will not cause corrosion to bronze components. Do not use if exposure to water is likely.
Key Specifications: API GL-4

TRANSOIL 90, 140, 250

T90001, T140001, T250001

A series of API GL-1 rated monograde gear oils for use in veteran, Edwardian and vintage gearboxes and final drives. These oils do not corrode ferrous and non-ferrous materials and are compatible with leather and synthetic rubber seals. Do not use Transoil 250 if exposure to water/steam is likely.
Key Specifications: API GL-1

SU DASHPOT & SU DAMPER OIL

SUDASH000150, SUDAMP000150

Specifically developed to lubricate dash pots and dampers of SU carburettors.
Key Specifications: ISO 15 (Dashpot), ISO 46 (Damper)

SHOCKER OIL 1 & 2

SHOK1001, SHOK2001

Series of high viscosity index oils for use in lever arm type shock absorbers and motorcycle forks that need SAE 20 or 30 type oils.
Key Specifications: ISO 46 (Shocker 1), ISO 68 (Shocker 2)

WATER PUMP GREASE

WPGR00005

A heavy NLGI No. 4 calcium-based moderate-duty grease for automotive water pumps in older vehicles, fire fighting and irrigation equipment.
Key Specifications: NLGI 4

SEMI FLUID GREASE

SEMI00045, SEMI020

NLGI 00 semi fluid grease. Ideal for veteran car transmissions and for veteran and vintage motorcycle gearboxes such as the Burman.
Key Specifications: NLGI 00

STEERING BOX LUBRICANT

SBL00045

A high viscosity "self-levelling" grease containing non-corrosive extreme pressure additives to provide film strength. Suitable for veteran/vintage and some classic car steering boxes.
Key Specifications: NLGI 00

CLASSIC CAR COOLANT CONCENTRATE

VC1001

A non-glycol, undyed hybrid conventional/organic inhibitor designed to protect cooling systems from electrolysis and oxidation. Product does not become corrosive or change the cooling characteristics of water. 3 years protection when used and maintained at 12% concentration.
Key Specifications: AS/NZS 2108.1-1997 Type B





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VEHICLE MAINTENANCE PRODUCTS

RUNNING-IN OIL SAE 15W-40

RUN005, RUN020, RUN205

High zinc oil designed for use during the critical engine running in period. Suitable for petrol, gas and light-duty diesel engines. Not suitable for rebuilt diesel engines with DPFs.

Key Specifications: API SF/CC

SONAX ENGINE FLUSH

300 ml 524200

Solvent free formulation with surface active dispersants and detergents. Resolves problems with extended oil change intervals. Minimizes compression loss and removes deposits from the engine oil system. Minimizes the possibility of sludge formation. Increases life and performance of the engine, assures optimum oil circulation in all parts of the engine. Recommended for all kinds of engines

SONAX XTREME WHEEL CLEANER

500 ml 230200

Highly effective acid-free special cleaner for all types of steel and alloy wheels. Easily removes even the most stubborn dirt such as burnt on brake dust, oil and rubber residue and other road dirt. Extremely easy to use.

SONAX CLEAR VIEW 1:100 CONCENTRATE

25 ml 371100, 250 ml 371141 100x25ML 371000

Highly concentrated cleaning additive for the windscreen washer, 25 ml of the concentrate will produce 2.5 L cleaning solution. Removes insects, oil, soot, silicone and dangerous smears and films from windscreen. Smear-free cleaning power and does not induce stress cracks in headlight lenses. Maximum safety achieved with minimum number of wiper passes.

Phosphate free.

SONAX INSECT REMOVER

500 ml 533200

Quickly and easily removes insects from paintwork, windscreens/glass and plastic parts. Residues are removed quickly and gently. Solvent-free to protect paintwork.

SONAX BRAKE AND PARTS CLEANER

500 ml SONPROBC0005

High performing special cleaner for maintenance and repair work on brakes, clutch and engine components. Quickly removes brake dust, as well as oil, grease and silicone dirt and deposits, entirely residue-free. With 360° spray technology and spray nozzle for targeted spraying. Also for the easy cleaning and de-greasing of carburetor housing, throttle bodies, carburetor jets, intake systems etc

SONAX ELECTRICAL COMPONENTS CLEANER

400 ml SONPROCC0004

Highly active, extremely rapidly evaporating special cleaner for cleaning electrical contacts, plug connections and other electrical components. Removes grime, oil and silicone deposits and age induced encrustations, e.g. oxidation, on all contact areas. Guarantees an interference-free electrical current flow. Does not affect plastics.

SONAX MOS OIL

400 ml 339400

Effective maintenance oil, infiltrates humidity and dispels water. Cures squeaking and creaking noises, lubricates moving parts, releases rusted screws, nuts and bolts. Prevents leakage currents in electrical circuits and acts as contact agent.

SONAX RUBBER PROTECTANT/CARE

5L 340505

Cleans and cares for rubber parts and keeps them elastic. Tyres and floor mats are easily cleaned and original fresh appearance restored. Satin finish dries in seconds not minutes. Spray on and wipe over with an application sponge.

SONAX GLASS CLEANER

10L 338600

Quickly removes insects, dirt, exhaust residue from windscreens and headlights. Simple and fast cleaning of grease films and nicotine deposits from windows in the car interior and from mirrors. Smear free and phosphate free.

PENRITE





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Further information on Penrite Products can be found in the Product Information Sheets.
Please feel free to contact us or log on to our web page.

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