



PENRITE



85% REDUCTION
IN LANDFILL
WASTE

CONVOY DLA (Full Synthetic)

Last updated: 26/07/2019 5:06 pm

PRODUCT CODE	PACK SIZE	CARTON QTY
DLA020	20L	
DLA060	60L	
DLA205	205L	

PRODUCT BENEFITS

Convoy DLA 10W-40 is a highly advanced, full synthetic, extended drain, mixed-fleet, ultra high performance diesel (UHPD) oil. It is formulated with the highest standard synthetic base oil and advanced additives to ensure protection against wear, corrosion, oil oxidation and sludge.

Convoy DLA 10W-40 is licensed by the API (American Petroleum Institute) to meet CK-4 and CJ-4 specifications ensuring quality and satisfaction. It is OEM approved by Mack, Volvo and Renault and exceeds European ACEA E6/E7/E9 requirements and many other manufacturer specifications.

[Click Here](#) to see API License

APPLICATION

Convoy DLA 10W-40 is primarily designed for use in modern 4, 6 & 8 cylinder naturally aspirated and turbocharged four-stroke, low emission, light and heavy duty diesel engines including those including those with extended drain intervals of up to 100,000+km in accordance with the OEM operating conditions.

Convoy DLA 10W-40 may be used where SAE 10W-40 or SAE 15W-40 grade oils are specified by the manufacturer. It can be used where ACEA E9, JASO DH-2 and API CK-4 or where previous API specifications API CJ-4, API CI-4 Plus, API CI-4 or API CH-4 are recommended. It is also suitable for use in older engines requiring high performance ACEA E4/E6 oils.

Convoy DLA 10W-40 is suitable for use in the latest Euro IV and Euro V emissions European diesel engines including those that use SCR (Selective Catalytic Reduction) emissions systems along with those fitted with or without DPFs (Diesel Particulate Filters). It is also suitable for use in normal or cooled EGR (Exhaust Gas Recirculation) systems. Some of these engines also use **Penrite Penblue** as a part of their emission control systems.

Convoy DLA 10W-40 is approved by Volvo for VDS-4, Mack for EO-O Premium Plus and Renault for VI RLD-3 requirements. It can also be used in Mercedes Benz Light Commercial and passenger car diesel engines where MB 228.31 or 228.51 are specified in the owner's handbook. It is suitable for extended drain intervals with OEM operating conditions and can also be used in other light commercial and passenger vehicles if a full synthetic diesel engine oil is required or specified by the manufacturer.

VEHICLES AND FUEL TYPES

Convoy DLA 10W-40 is suitable for light & heavy duty commercial vehicles, passenger cars, 4WDs, construction, mining and agricultural equipment if a full synthetic, SAE 10W-40 diesel engine oil is required or specified by the manufacturer. It is **NOT** recommended for use in motorcycles.

Please note:

1. Some trucks and heavy vehicles fitted with DPFs may need to use **Convoy DSP** or **Convoy DHD** oils. Please check Penrite Lube Recommendation Guide for correct lubricant.
2. **Convoy DLA** replaces **Enviro+ 10W-40** in Heavy Duty Applications





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PRODUCT BENEFITS

- **API LICENSED** for quality assurance
- **MANUFACTURER APPROVED** product to maintain vehicle warranty & specifications
- **MAXIMISES** Diesel Particulate Filter life and engine performance
- Suitable for SCR and EGR systems
- Suitable for extended oil drain intervals
- Controls oil consumption through use of low volatility, hydro-processed synthetic base oils
- Provides ideal wear, bore polish and deposit protection
- Effective dispersant additives keep soot in suspension, reducing wear
- Suitable for use in light and heavy duty applications

MANUFACTURER'S (OEM) APPROVALS & INDUSTRY LICENSES

- API LICENSED
- Mack EO-O Premium Plus approval
- Renault VI RLD-3 approval
- Volvo VDS-4 approval

INDUSTRY & MANUFACTURER'S SPECIFICATIONS

- ACEA E4
- ACEA E6
- ACEA E9
- API CI-4
- API CI-4 PLUS
- API CJ-4
- API CK-4
- Caterpillar ECF-3
- Cummins CES 20086
- Detroit Diesel 93K222
- Deutz DQC IV-10 LA
- JASO DH-2
- Mack EOS-4.5
- MAN M 3477
- MB 228.51
- MB 235.28
- MTU Category 3.1
- Renault RLD-4
- Voith Retarder Oil Class B
- Volvo VDS 4.5
- Volvo VDS-4

SUITABLE FOR USE WHERE SPECIFICATIONS BELOW ARE REQUIRED

(FOR OUT OF WARRANTY SERVICE)

- JASO DH-2

TYPICAL DATA

Density at 15°C, kg/L	0.861
Viscosity, Kinematic, cSt at 40°C	91
Viscosity, Kinematic, cSt at 100°C	13.7
Viscosity Index	153
Cold Cranking Viscosity, cP at -25°C	6,600
Ca content, Mass %	0.131
Zinc, Mass %	0.089
Phosphorus, Mass %	0.080
Sulphated Ash, Mass %	1.0
Magnesium, Mass %	0.091
Total Base Number (TBN)	13.4