



TECHNICAL BULLETIN NO: 192

LATEST ZINC LEVELS

Issue: November 2011

PENRITE

PRODUCT	SAE GRADE	API RATING	ACEA RATING	JASO	ZINC PPM
HPR 0	0W-30	SL/CF	A3/B4		1050
HPR 5	5W-40	SN/CF	A3/B4		1050
HPR 10	10W-50	SN/CF	A3/B4		1140
HPR 15	15W-60	SN/CF	A3/B4		1140
HPR 30	20W-60	SM/CF	A3/B3		1110
HPR 40	25W-70	SL			1450
HPR 50	40-70	SL			1450
HPR GAS 10	10W-50	CI-4/SL	A3/B3		1220
HPR GAS	20W-60	CG-4/SL			1290
HPR DIESEL 5	5W-40	CI-4 PLUS/SL	A3/B4		1220
HPR DIESEL 15	15W-50	CI-4 PLUS/SL	A3/B4		1220
HPR DIESEL	20W-60	CH-4/SJ	A3/B3		1220
PREMIUM FULL SYNTH 0	0W-50	SN/CF		MA	1250
PREMIUM FULL SYNTH 5	5W-60	SN/CF			1200
PREMIUM FULL SYNTH 10	10W-70	SN/CF			1200
RACING 0	0W-20	SL/CF			1320
RACING 5	5W-30	SL/CF			1320
RACING 10	10W-40	SN/CF		MA	1240
RACING 15	15W-50	SN/CF		MA	1240
RACING 20	20W-60	SN/CF		MA	1240
ENVIRO+	0W-40	SN/CF	C3		890
ENVIRO+	5W-30				670
ENVIRO+	5W-40	SN/CF	C3		890
ENVIRO+ C4	5W-30		C4		510
ENVIRO+ DL-1	5W-30		C1/C2	DL-1	510
ENVIRO+ GF-5	5W-30	SN RC			850
EVERYDAY DRIVING	5W-30	SL/CF		MA	1080
EVERYDAY DRIVING	10W-30	SL/CF		MA	1080
EVERYDAY DRIVING	15W-40	SL/CF-4		MA	1080
EVERYDAY DRIVING	20W-50	SL/CF-4		MA	1080
STOPS OIL BURNING	30-70	SJ			1110
MARINE 4 STROKE	10W-50	SL		MA	1320
SMALL ENGINE MONO	30	SG/CD			1170
SMALL ENGINE MULTI	10W-30	SL/CF	A3/B3		1140
SMALL ENGINE MULTI	20W-50	SG/CF			1170
RUNNING IN OIL	15W-40	SF/CC			1610



This table is correct at November 2011 and applies for products sold in 10L packs or smaller and manufactured from October 2011. Minor variations in production batches can occur that do not impact product performance. Zinc levels of 1000ppm or more will provide excellent protection in older style flat tappet cam engines.



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