



RLX Super 40

Monograde diesel engine lubricant

Description

RLX Super 40 is a 5th Generation (LMOA), zinc and chlorine free engine crankcase lubricant specifically designed for the lubrication of diesel propulsion, diesel electric and stationary power generation installations, where a zinc free lubricant is specified.

Application

RLX Super 40 is formulated to meet the requirements of engines manufactured by General Motors Electromotive Division (GM-EMD), General Electric (GE) and ALCO. This grade is suitable for all engines fitted with silver bearings; particularly those used in Marine and Offshore power generation sets.

Features / Benefits

RLX Super 40 is developed with an optimum balance of detergency and dispersancy to reduce ring sticking and engine deposits, resulting in cleaner engines and thus maximising operating performance. With extended oil drain intervals, engine downtime is further reduced.

The selected additive system provides excellent protection against wear and acid corrosion resulting in increased engine component life. High viscosity index base oil allows control of oil consumption and maintains excellent oil film between bearings at high operating temperatures.

RLX Super 40 is fully compatible with other 5th Generation (LMOA) lubricants.

Approval Status

- Conforms to requirements of `Generation 5` for GM-EMD and `Generation 4LL` for GE.
- Meets the oil recommendations for Caterpillar 3600 series engines. Suitable for all ALCO engines.
- Exceeds detergency requirements of API CF and CF-2.

Technical Data

Name	Method	Units	RLX Super 40
SAE Grade			40
Density @ 15°C, Relative	ASTM D4052	g/ml	0.890
Viscosity, Kinematic @ 100°C	ASTM D445	mm ² /s	14.5
Viscosity Index	ASTM D2270	-	100
Total Base Number, TBN	ASTM D2896	mg KOH/g	13.7
Closed Flash Point	ASTM D92	°C	>200
Pour Point	ASTM D97	°C	-15
Zinc Content		ppm	<10
Chlorine Content	XRF	ppm	<10
Sulphated Ash		% wt	1.5

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Packaging and Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings.

Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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