



## RLX Super 40

Monograde diesel engine lubricant

### Description

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

### Application

Castrol 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

- Optimum balance of detergency and dispersancy reduces ring sticking and engine deposits, resulting in cleaner engines that maximise operating performance. With extended oil drain intervals, engine downtime is further reduced.
- Selected additive system provides excellent protection against wear and acid corrosion resulting in increased engine component life.
- Exceeds detergency requirements of API CF and CF-2.
- High viscosity index base oil allows control of oil consumption and maintains excellent oil film between bearings at high operating temperatures.
- Castrol RLX Super 40 is fully compatible with other 5th generation (LMOA) lubricants.

### Approval Status

- API CF / CF-2
- Conforms to the 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.

## Technical Data

Name	Method	Units	RLX Super 40
Density @ 15°C	ASTM D1298	g/ml	0.890
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	14.5
Viscosity Index	ASTM D2270		100
SAE Number			40
Total Base Number, TBN	ASTM D2896	mg KOH/g	13.7
Pour Point	ASTM D97	°C	-15
Flash Point (PMC)	ASTM D92	°C	>200
Sulphated Ash	ASTM D874	% m	1.5
Zinc Content		ppm	<10
Chlorine Content		ppm	<10

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

## Care and Handling

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

## 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 60C, exposed to hot sun or freezing conditions.

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