



## Castrol Seamax DD Monograde 40

Diesel engine lubricant

### Description

Castrol Seamax DD Monograde 40 is a high performance trunk piston diesel engine lubricant, with a low ash formulation developed to provide complete protection for Detroit Diesel 2stroke diesel engines.

### Application

Castrol Seamax DD Monograde 40 is formulated to meet the latest performance requirements for Detroit Diesel 2-stroke engines, operating with diesel fuels up to 0.5% maximum sulphur.

### Advantages

#### Protection against deposit

2-stroke engines are very sensitive to deposits which can form on the exhaust valves, leading to burnt valves, a loss in engine power and if unchecked, to complete engine failure. Seamax DD Monograde 40 has a special low ashforming formulation to minimise deposit build-up, this ensures efficient engine operation and longer engine life.

#### Protection against wear

Seamax DD Monograde 40 contains advanced anti-wear additives to protect against premature engine failure from wear, so reducing maintenance costs.

#### Suitable for Detroit Diesel Series 149 engines

Seamax DD Monograde 40 meets the API CF2 performance specification. The sulphated ash content meets the Detroit Diesel maximum of 0.8% as required for the 149 series engines

### Product Performance Claims

Meets the following requirements:

SAE 40

API CF/CF-2

Sulphated Ash 0.8% max

Suitable for use in DD Series 149 engines

## Typical Characteristics

Name	Method	Units	Seamax DD Monograde 40
Density @ 15C, Relative	ASTM D4052	g/ml	0.894
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	15.5
Flash Point, COC	ASTM D92	°C	240
Viscosity, Kinematic 40C	ASTM D445	mm <sup>2</sup> /s	160.0
Viscosity Index	ASTM D2270	None	98
Sulphur, % wt	ASTM D4951	% wt	0.86
Ash, Sulphated	ASTM D874	% wt	0.8
Total Base Number, TBN	ASTM D2896	mg KOH/g	7.0
Pour Point	ASTM D97	°C	-27

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

## 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 obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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