



Product Data

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	mm²/s	15.5
Flash Point, COC	ASTM D92	°C	240
Viscosity, Kinematic 40C	ASTM D445	mm²/s	160.0
Viscosity Index	ASTM D2270	None	98
Sulphur, % w t	ASTM D4951	% w t	0.86
Ash, Sulphated	ASTM D874	% w t	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.

Castrol Seamax DD Monograde 40

08 Feb 2019

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Marine, Technology Centre, Whitchurch Hill, Pangbourne, Reading RG8 7QR, United Kingdom

www.castrol.com/marine