



Tection DD Monograde 40

Diesel engine oil

Description

Castrol Tection DD Monograde 40 is a high performance trunk piston diesel engine lubricant, especially formulated to meet the latest performance requirements for General Motors Detroit Diesel 2-stroke engines operating with distillate fuels up to 0.5% sulphur content.

Castrol Tection DD Monograde 40 is a blend of high quality paraffinic base oils inhibited against oxidation and corrosion and combined with detergent, dispersant and anti-wear additives. This combination ensures minimum deposit formation on pistons, combustion chambers and exhaust valves, reduces mechanical and corrosive wear and provides protection against high and low temperature sludge formation, oxidation and rusting.

Castrol Tection DD Monograde 40 conforms to the API CF-2 performance specification. The low ash additive technology utilised in the formulation of Castrol DD 40 comfortably meets the Detroit Diesel level of 0.8% maximum required for the 149 series engine.

Application

- Main Power Generation.
- Emergency generators.
- Auxiliary engines in Cranes, Firewater pumps etc.

Performance Levels & OEM Approvals

- Exceeds API Service Categories : CF-2, CD-2.
- General Motors Corp. (Detroit Diesel Div.).

Typical Characteristics

Name	Method	Units	Tection DD Monograde 40
SAE Viscosity			40
Base Oil Type			Mineral
Relative Density @ 25°C	ISO 3675 / ASTM D1298		0.890
Viscosity @ 40°C	ISO 3104 / ASTM D445	mm ² /s	145
Viscosity @ 100°C	ISO 3104 / ASTM D445	mm ² /s	15.5
Viscosity Index	ISO 2909 / ASTM D2270		100
Total Base Number, TBN	ASTM D2896	mg KOH/g	8.0
Flash Point (COC)	ISO 2592 / ASTM D92	°C	224
Pour Point	ISO 3016 / ASTM D97	°C	-24
Sulphated Ash	ISO 3687 / ASTM D874	% wt	0.77

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

Product Performance Claims

API CF/CF-2

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

Tection DD Monograde 40
28 Aug 2012

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. Material 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.

Australia Level 8 (QV1 Building), 250 St. Georges Terrace, Perth WA 6000, Australia. Customer Service Number +61 (0)8 9420 1825

Dubai City Tower 2, 6th Floor PO BOX 1699, Sheikh Zayed Road, Dubai, U.A.E. Customer Service Number +971 4 3079304

Norway Drammensveien 167, Box 153 Skoyen, 0212 Oslo, Norway. Customer Service Number +47 22 51 12 43 501

Singapore Keppel Bay Towers, 1 Harbourfront Avenue 02-01, Singapore 098632, Singapore. Customer Service Number +65 6371 8478

United Kingdom BlueSky Business Space, Westpoint House, Pavilion 2 Prospect Park, Prospect Road, Arnhall Business Park, Westhill. AB32 6FJ, UK.
Customer Service Number +44 (0)1224 270365

USA 501 Westlake Park Boulevard, Houston, Texas 77079, USA. Customer Service Number +1 800 339-7157., Brazil Avenida Itaoca, 2.400, Inhauma, Rio de Janeiro, Zip code 21061-020, customer service +55 11 4133 7835

www.castrol.com