

Product Data Sheet

Mobilgard ADL Series Increased Dispersancy Advanced Diesel Lubricant

Product Description

Mobilgard ADL Series is a family of increased dispersancy engine oils for high BMEP medium and high speed diesel engines operating on distillate and MDO fuels. These advanced diesel lubricants are available in both an S.A.E. 30 & 40 grade to suit most marine engine viscosity requirements. As a result of a special balance of detergent and dispersant properties, these oils provide not only increased resistance to lacquer formation in severe service applications but also assist in sludge and deposit removal.

Benefits

Mobilgard ADL Series offer the following benefits:

- Extended Cylinder Overhauls
 - Reduced Bore Polishing
 - Superior Wear Protection
- Reduced Oil Consumption
 - Reduced Liner Lacquering
- Improved Engine Cleanliness
 - Reduced Top Deck Sludge
 - Reduced Piston Ring Groove Deposits
- Extended Oil Drain Intervals
 - Increased oxidation and thermal stability
- Wide Engine Capability
- (Builder, Size, Speed)

Applications

Mobilgard ADL Series lubricants are intended for use in high BMEP engines and in severe duty engine applications where the nature of the fuel and service requires a greater level of dispersancy and liner lacquer control than typically offered by the majority of diesel lubricants to date.

Properties

In extensive field testing in numerous latest model diesel engines including those of MAN-B&W Alpha, Caterpillar (3600), Deutz and Stork Werkspoor, Mobilgard ADL Series lubricants have demonstrated superior performance. In some of the applications, fuel and service contributed to produce cylinder liner lacquer, high oil consumption and top deck sludge with previously available premium lubricants. With Mobilgard ADL Series, such problems were corrected with oil consumption dramatically reduced and the period between overhauls significantly extended. Mobilgard ADL 30 & 40 are qualified against the API CD performance level and meet the requirements of major engine builders. These advanced diesel lubricants possess excellent water separation, rust and corrosion resistance properties. They have an FZG rating of 12 which makes them excellent extreme pressure gear lubricants.

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Product Characteristics

Mobilgard	ADL 30	ADL 40
SAE No.	30	40
Specific Gravity at 15°C	0.893	0.897
Flash Point, °C	228	255
Pour Point, °C	-26	-15
Viscosity, cSt at 40°C	103	143
Viscosity, cSt at 100°C	11.6	14.5
Viscosity Index	100	100
TBN (mg. KOH/g.)	15	15
Sulphated Ash, %	2.1	2.1
FZG Stage	12	12

Due to continual product research and development, the information contained herein is subject to change without notice

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