

# Product Data Sheet

## Motrex 15W-40 Severe Service Engine Oil

### Product Description and Application

Motrex 15W-40 is a high quality “stay-in-grade”, severe service engine oil made from quality base oils with detergent/dispersant, anti-wear and pour point depressant additives.

It has high alkalinity reserve to neutralise the acidic effects of higher sulphur fuels which may be encountered in contractor type operations - particularly at high operating temperatures in turbo-charged engines.

It also has outstanding detergency/dispersancy. This provides superior performance with respect to reduced piston groove deposits and ring sticking, cylinder bore polishing, valve train and bearing wear, and improved overall engine cleanliness under severe service conditions.

Motrex 15W-40 is recommended for turbo-charged and naturally aspirated diesel engines operating under arduous sustained conditions as well as in delivery and start/stop conditions. It is also suitable for petrol engines.

### Benefits

Motrex 15W-40 offers the following benefits:

- Advanced “stay-in-grade” viscosity characteristics give good low temperature startability and excellent engine protection in sustained high temperature operation
- Good protection against cylinder bore polish
- Excellent detergency/dispersancy keeps engines clean and deposit free
- Good protection against low temperature sludge formation and corrosive wear
- High level of chemical stability guards against formation of lacquer and hard carbon deposits in ring zone
- Year round suitability for mixed diesel and petrol engine fleets reduces oil inventories
- Built-in performance reserve beyond engine manufacturers’ requirements caters for increased operation severity
- Lower operating costs from cleaner engines, less wear and longer engine service life
- Reduced operating costs and better vehicle utilisation lead to higher operating profit

### Specifications

Motrex 15W-40 surpasses the engine performance requirements of the following specifications and tests:

- API CF-4/SG

## 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.

## Typical Characteristics

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<b>Motrex 15W-40</b>	
SAE Grade	15W-40
Viscosity, cSt at 40°C	107
Viscosity, cSt at 100°C	14.2
Viscosity Index	133
Pour Point, °C	-33
Flash Point, °C	223
Sulphated Ash, % wt.	1.4
Total Base Number, ASTM D2896	11.4

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

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**Mobil Oil Company Limited**  
**Acting as Agent for Mobil Lubricants UK Limited**  
**ExxonMobil House, Ermyn Way**  
**Leatherhead, Surrey, KT22 8UX**  
**Telephone: 01372 22 2000**

