



# Mobil Delvac Super Multigrades

## Heavy Duty Engine Oils

### Product Description

Mobil Delvac Super 10W-30, 15W-40 and 20W-50 are high performance, heavy duty engine oils that provide proven protection to diesel engines operating in severe on and off-highway service applications. Mobil Delvac Super Multigrade engine oils are recommended for use in a wide range of heavy duty applications and operating environments found in the trucking, construction, and agricultural industries. They are also suitable for gasoline engines.

### Features and Benefits

The key benefits of Mobil Delvac Super Multigrades include:

| Features                         | Advantages and Potential Benefits      |
|----------------------------------|--|
| Thermal and oxidation stability  | Controls sludge build-up and deposits  |
| Excellent detergency/dispersancy | Cleaner engines and longer engine life |
| Stay-in-grade shear stability    | Helps reduce oil consumption and wear  |

### Applications

Recommended by ExxonMobil for use in:

- Diesel-powered equipment from leading diesel engine manufacturers
- On highway light and heavy duty trucking
- Off highway industries including: trucking, construction, quarrying, and agriculture
- Mixed diesel/gasoline engine fleets

### Specifications and Approvals

| This product is recommended for use in applications requiring: | 10W-30 | 15W-40 | 20W-50 |
|--|--------|--------|--------|
| API CF-4   | X      | X      | X      |
| API SF   | X      | X      | X      |
| API SG   |        | X      | X      |

## Properties and Specifications

| Property                                      | 10W-30     | 15W-40     | 20W-50     |
|---|------------|------------|------------|
| Grade   | SAE 10W-30 | SAE 15W-40 | SAE 20W-50 |
| Ash, Sulfated, mass%, ASTM D874               | 0.8        | 0.8        | 0.8        |
| Density@ 15.6C, g/ml, ASTM D1298              |            |            | 0.88       |
| Density@ 15.6C, g/cm3, ASTM D4052             | 0.88       | 0.88       |            |
| Flash Point, Cleveland Open Cup, °C, ASTM D92 | 224        | 234        | 244        |
| Kinematic Viscosity@100C, mm2/s, ASTM D445    | 11.5       | 14.3       | 17.6       |
| Kinematic Viscosity@40C, mm2/s, ASTM D445     | 76         | 105        | 149        |
| Pour Point, °C, ASTM D97                      | -33        | -27        | -30        |
| TBN, mgKOH/g, ASTM D2896                      | 8.2        | 8.2        | 8.2        |
| Viscosity Index, ASTM D2270                   | 146        | 139        | 129        |

## Health and Safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @<http://www.msds.exxonmobil.com/psims/psims.aspx>

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