

## PROFLEET™ IS 10W-40

ProFleet™ IS 10W-40 is a premium full synthetic engine oil engineered to meet the latest European and protect the latest after treatment systems. It fulfills the Ultra High Performance Diesel (UHPD) recommendations of major engine manufacturers.

ProFleet™ IS 10W-40 unique formulation offers a lower Sulphated Ash, Phosphorus, and Sulphur (SAPS) content to protect the latest after treatment systems, such as Exhaust Gas Recirculation systems (EGR), Selective Catalytic Reduction (SCR) systems and Diesel Particulate Filters (DPF) after treatment systems. The engine oil can provide long-drain service intervals for trucks driving long distances as per the manufacturer's guidelines.

### Specifications and Approvals

| PROFLEET™ IS 10W-40*     |
|--------------------------|
| ACEA E6, E9              |
| API CK-4                 |
| JASO DH-2                |
| CUMMINS CES 20086        |
| Detroit Diesel DDC93K222 |
| MAN M 3477               |
| Mack EOS-4.5             |
| Renault VI RLD-4         |
| VOLVO VDS-4.5            |

\*Check owners' manual before use.

### Applications

Suitable for heavy-duty diesel engines in trucks and buses as well as industrial vehicles.

Suitable for use in high performance Euro diesel engines with Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR) systems and Diesel Particle Filters (DPF) after treatment systems. Fulfills the Ultra High Performance Diesel (UHPD) recommendations of major engine builders. Suitable for trucks and buses with long-drain oil refreshment periods.

(EGR: Exhaust Gas Recirculation)  
(SCR: Selective Catalytic Reduction)  
(DPF: Diesel Particle Filter)

### Features and Benefits

#### **Engine Cleanliness**

Keeps the engine clean and in good condition over the drain period. Unique high levels of dispersive technology for better soot and viscosity control and superior wear protection

#### **Extended Drain**

Extended service intervals and long-drain oil intervals as per manufacturers guidelines.

#### **Environment**

Lower SAPS catalyst compatible engine oil, suitable for the EGR/DPF and SCR Systems

#### **Wear protection**

Stronger oil film protects the engine against wear and corrosion.

#### **OEM compliant engine oil**

Suitable for use and approved by major engine manufacturers.

# PRODUCT INFORMATION



## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvoline.com.au](http://www.valvoline.com.au) or contact the Technical Hotline on 1800 804 658 for product recommendations.

## Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

| PROFLEET™ IS SAE 10W-40                           | Typical |
|---|---------|
| SAE Viscosity Grade                               | 10W-40  |
| Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445 | 14.35   |
| Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445  | 93.1    |
| Viscosity Index, ASTM D2270                       | 159     |
| Density @ 15 °C, kg/L, ASTM D4052                 | 0.861   |
| CCS Viscosity, mPa.s @ -25 °C, ASTM D5293         | 5900    |
| Flash Point (COC), °C, ASTM D92                   | 230     |
| Pour Point, °C, ASTM D5950                        | -36     |

Note: Profleet™ IS 10W-40 engine oil may be unsuitable for use in some engines, always consult owners' manual if in doubt.

This information only applies to products manufactured in the following location(s): Australia

| Part Number | Pack Size |
|-------------|-----------|
| 1450.20     | 20L       |
| 1450.28     | 208L      |
| 1450IBC     | 1000L     |

## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website [www.valvoline.com.au](http://www.valvoline.com.au)

## Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

## Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60 °C, exposed to hot sun or freezing conditions.

## Author:

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Replaces - 1450/New