

# Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



*Lubricants - Engine Oil - Heavy Duty Engine Oils*

Version: 113/04

## ProFleet™ Engine Oil SAE 10W-40

**ProFleet Engine Oil SAE 10W-40 is a fully synthetic motor oil formulated to provide extra long-drain oil refreshment periods for trucks, buses, and industrial engines.**

ProFleet Engine Oil SAE 10W-40, an Ultra High Performance Diesel (UHPD) engine oil, is recommended and approved by major truck manufacturers for long-drain intervals according to their specifications for long-distance driving. An ultra-modern additive system provides protection and a clean engine over the entire oil drain period. The unique formulation prevents deposit formation and protects against soot build-up.

### Approvals/Performance levels

<b>SAE 10W-40</b>
ACEA E4-08#2, E7-08#2
API CF
MAN 3277
MB-approval 228.5
Volvo VDS-3
MTU Type 3
Scania LDF-2
Renault RXD/RLD-2
Deutz DQC III-05
DAF

### Applications

Suitable for Euro I, II, III, IV, and V engines with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) systems exhaust after treatment systems; **not suitable for Diesel Particle Filters (DPF)**

Suitable for heavy-duty engines in trucks and buses.

Also meets the manufacturers' extended-drain requirements

### Features and Benefits

#### Wear protection

Strong oil film protects the engine against wear and corrosion.

#### Engine cleanliness

Premium additives keep the engine clean over extended drain periods. The unique formulation prevents deposit formation and protects against soot build-up

#### OEM approved motor oil

Recommended and approved by major engine manufacturers.

#### Lower emissions

Fulfills the requirements of the EU Euro I/II/III/IV/V emission standards

#### Extended drains

Extended service intervals and long-drain oil refreshment periods.

#### Winter starts

Easy starts even under very cold conditions.

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## Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Material and Safety Data Sheet (MSDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

## Protect the Environment

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

## Typical Properties

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

<b>SAE Viscosity Grade</b>	10W-40
<b>Viscosity</b> , mm <sup>2</sup> /s @ 100 °C. ASTM D-445	13.5
<b>Viscosity</b> , mm <sup>2</sup> /s @ 40 °C. ASTM D-445	89
<b>Viscosity Index</b> ASTM D-2270	152
<b>Viscosity</b> , mPa.s -25°C. ASTM D-5293	<7000
<b>TBN</b> , mg KOH/g ASTM D-2896	16.1
<b>Pour Point</b> , °C ASTM D-5950	-39
<b>Specific Gravity</b> @ 15.6°C. ASTM D-4052	0.868
<b>Flash Point</b> , COC, °C. ASTM D-92	220

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

## People Who Know, Use Valvoline™

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.valvolineurope.com](http://www.valvolineurope.com)

## Author:

AdG

Replaces – 113/03

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