

PROFLEET™ LS Plus 10W-40

ProFleet™ LS Plus 10W-40 is a superior heavy duty engine oil approved by leading OEM's, designed for use in the latest and next-generation low-emission diesel engine.

ProFleet™ LS Plus 10W-40 Engineered to meet the latest EU standards, and to maintain outstanding engine and after-treatment systems cleanliness, with superior cold start protection. ProFleet™ LS Plus 10W-40 is a synthetic blend of the premium conventional oils and synthetic base stocks providing increased fuel economy and engine performance. Recommended for Euro 6 engines with an exhaust fume after-treatment system (also applicable for older Euro engines).

Specifications and Approvals

PROFLEET™ LS Plus 10W-40*
ACEA E7, E8 (ACEA E6-2016), E11 (ACEA E9-2016)
API CK-4, CJ-4, CI-4
Caterpillar ECF-3, ECF-2
CUMMINS CES 20086 <i>Approved</i> , CES 20081
DTFR 15C120 (MB 228.52) <i>Approved</i>
DTFR 15C110 (MB 228.51) <i>Approved</i>
DTFR 15C100 (MB 228.31)
Detroit Diesel DDC 93K222
Deutz DQC IV-18LA <i>Approved</i>
JASO DH-2, DH-1
MACK EOS-4.5 <i>Approved</i>
MAN M3775 <i>Approved</i>
MTU Type 3.1, 2.1
Renault RLD-3 <i>Approved</i>
Voith Class B
VOLVO VDS-4.5 <i>Approved</i>
VOLVO VDS-4, VDS-3

*Check owners' manual before use.

Features and Benefits

Protects Engine and Emissions System

Strong oil film protects the engine against wear and corrosion. Protects diesel engine exhaust fume after-treatments systems. Reduces the formation of sludge at low temperatures and deposits at high temperatures.

Maintains Engine Performance

Suitable for trucks and buses with extra-long drain intervals

Applications

Suitable for heavy-duty high performance Euro 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)

Fuel Economy

Synthetic low viscosity engine oil provides excellent fuel economy properties

Environment

Better for the environment because of lower Sulphur, Phosphorous and Sulphates Ash content.

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 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™ LS Plus 10W-40	Typical
SAE Viscosity Grade	10W-40
Viscosity @ 100 °C, mm ² /s, ASTM D445	14.3
Viscosity @ 40 °C, mm ² /s, ASTM D445	98.5
Viscosity Index, ASTM D2270	148.5
Density @ 15 °C, kg/L, ASTM D4052	0.864
Total Base Number, mg KOH/g, ASTM D2896	10.1
CCS Viscosity, mPa.s @ -25 °C, ASTM D5293	<6600
Flash Point (COC), °C, ASTM D92	222
Pour Point, °C, ASTM D5950	-42

Note: Profleet™ LS Plus 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
1495.20	20L
1495.28	208L
1495IBC	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

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:

VP - Effective 14-12-2023
Replaces - 1495/New