

PRODUCT INFORMATION



Lubricants - Engine Oil - Heavy Duty Engine Oils

Valvoline™ ProFleet™ LS Plus 5W-30

Superior heavy duty engine oil approved by leading OEMs, designed for use in the latest and next-generation low-emission diesel engines. This synthetic engine oil is engineered to maintain outstanding engine and exhaust after-treatment systems cleanliness, combined with superior cold start protection. PROFLEET™ LS PLUS 5W-30 has been formulated to meet ACEA E8, E7, E11 and API CK-4 and other major OEM claims, where 5W-30 is recommended.

OEM Approvals	Performance levels
Cummins CES 20086	ACEA E11, E9, E8, E6, E7
Deutz DQC IV-18 LA	API CK-4, CJ-4, CI-4+, CI-4, CH-4, SN
DTFR 15C120 (MB-228.52), DTFR 15C110 (MB-228.51)	Caterpillar ECF-3, ECF-2
Mack EOS-4.5	DAF PSQL 2.1E
MAN M 3677	DAF PSQL 2.1E LD
Renault VI RLD-3	DAF PSQL 2.4
Scania LDF-4	DAF PSQL 2.4 LD
Volvo VDS-4.5	Detroit Diesel DFS 93K222, 93K218
	DTFR 15C100 (MB-228.31)
	Ford WSS-M2C213-A1
	JASO DH-2, DH-1
	Mack EO-N
	MAN M3775
	MTU Type 3.1, Type 2.1
	Renault VI RLD-2
	Voith Class B
	Volvo VDS-4, VDS-3

*Recommended for Iveco trucks requiring ACEA E6, E7, E9

Applications

Suitable for all heavy-duty high performance Euro diesel engines in trucks and buses as well as industrial vehicles, with Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR) systems and Diesel Particulate Filters (DPF). Fulfills the Ultra High-Performance Diesel (UHPD) recommendations of major engine builders.

Features & Benefits

Protects Engine and Emissions System

Strong oil film protects the engine against wear and corrosion. Protects diesel engine exhaust fume after-treatment systems (EGR, SCR, DPF). 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 oil refreshment intervals.

Fuel Economy

Synthetic low viscosity engine oil provides excellent fuel economy properties.

Environment

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

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Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline Global Operations is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants, 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 <https://www.valvolineglobal.com/en-eur/> or <https://pisheets.valvolineglobal.com>

Health & Safety

For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at <https://sds.valvolineglobal.com>

Typical properties

ProFleet LS Plus	
SAE Viscosity Grade	5W-30
Viscosity @ 100°C, mm²/s ASTM D445	11.7
Viscosity @ 40°C, mm²/s ASTM D445	71
Viscosity Index ASTM D2270	161
Viscosity @ -30°C, mPa.s ASTM D5293	< 6600
TBN, mg KOH/g ASTM D2896	10.0
Pour Point, °C ASTM D5949	-42
Density @ 15°C, g/cm³ ASTM D4052	0.857
Flash Point, COC, °C ASTM D92	234

*The data provided is for reference only and can be applied only for the specific production location.

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

Effective date: 9/28/2026