



Powerlube 15W40

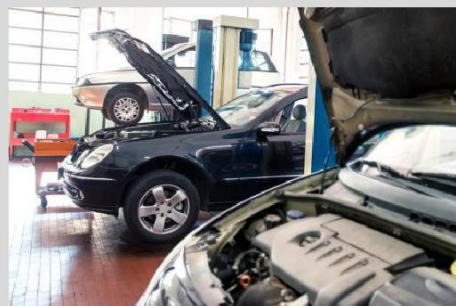
A high-performance engine oil designed to provide advanced protection for fleets containing vehicles from a variety of manufacturer's diesel and petrol engines, especially for highly loaded on and off road commercial vehicle diesel engines, non- turbo charged and turbo-charged alike.

KEY BENEFITS

- ✓ Mixed Fleet Suitable
- ✓ Low Oil Consumption
- ✓ Reduced Engine Wear
- ✓ Major OEM Performance Levels
- ✓ Superior Cleanliness
- ✓ Soot Control
- ✓ Extended Drain Intervals

Powerlube 15W40 is an advanced high-performance multi-grade engine oil that has been formulated with a market leading additive package designed to meet the latest European and American OEM performance and exhaust emission standards ensuring excellent control over piston deposits, soot, corrosion, foaming and oxidation stability and provides excellent protection against soot induced valve train wear.

Powerlube 15W40 provides a high level of wear protection and ensures engine cleanliness, even at extended drain intervals. Powerlube 15W40 meets a high API specification for both petrol and diesel engines, which makes it ideal for mixed fleet operators.



Benefits

Deposit Control

Deposit build up reduces oil flow which restricts engine performance. Powerlube 15W40 comprises of ground-breaking deposit control additives. Due to their chemical structure these surface-active deposit control molecules attach themselves to clean metal surfaces and prevent new deposit build up. With its forward-thinking composition, Power-lube 15W40 targets improved fuel economy, lower emissions and an increase in power and performance.

Superior Cleanliness Control

Powerlube 15W40 is formulated with additives containing dispersants and detergents which provide superior cleanliness control aiding in the prevention of oil starvation, vehicle downtime and soot build-up. Soot can adversely impact engine wear and fuel economy as well as migrate through vital engine components leading to insufficient operation and a significant loss of power. The astonishing soot handling properties of Power-lube 15W40 lead to better protection against soot-related wear, better sludge control and reduced oil filter blockage.

Enriched Wear Protection

With its forward-thinking molecular formulation, Powerlube 15W40 efficiently lubricates critical engine parts by scientifically forming a highly efficient Nano shielding layer to prevent metal to metal contact. This provides superior reduction in friction, offering high performance throughout drain intervals.

Typical Values	Visc @ 40°C (cSt)	Visc @ 100°C (cSt)	VI	Density @ 20°C (kg/l)	TBN (mg KOH/g)
Powerlube 15W40	103.95	14.08	137	0.872	12.5

Product Performance:

API CI-4 Plus/SL/CF
ACEA E7-12 (2012)
CUMMINS CES 20076/77/78
MACK EO-N, EO-M plus
MAN M3275V

Volvo VDS-3
MB 228.3
MTU Type 2
Renault Truck RLD-2
Global DHD-1

CAT ECF-1-a/-2
Deutz DQC III-10
Detroit Diesel DDC

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