

Fully Synthetic

K1 Lube HDX PAO

Premium diesel engine oil for heavy duty vehicles,
Providing Ultimate performance by PAO Boosting

API CK-4/CJ-4,, ACEA E9



DESCRIPTION

K1 Lube HDX PAO is a PAO based premium synthetic heavy-duty diesel engine oil specifically designed for new low-emission engines with ULSD (Ultra Low Sulfur Diesel). It is manufactured using the most advantageous additive technologies to provide excellent engine protection against the EURO VI emission regulation for highway diesel trucks. It meets the latest EGR soot control and particulate requirements requiring API CK-4, ACEA E9, and many OEM specifications.

APPLICATIONS

- K1 Lube HDX PAO 15W-40 is a mixed fleets motor oil recommended for all naturally aspirated and turbocharged four-stroke diesel engines and four-stroke gasoline engines in which the API CJ-4 grade is recommended.
- It is developed in response to EURO VI emissions standard
- It is formulated for superior performance with ULSD but also with both normal and low sulfur diesel fuels
- It is recommended for use in off-highway and construction applications which require an API CJ-4 Service Category.
- Meets major diesel engine manufacturers requirements
- Mixed fleets of both diesel and gasoline engines
- Mixed fleets including both old and new equipment
- Commercial road transport, including the latest electronic controlled engines.
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks

PERFORMANCE STANDARDS

API CK-4/CJ-4, Volvo VDS-4.5, Cummins CES 20086, ACEA E9-16, Mack EO-S-4.5, Caterpillar ECF-3, MB 228.31, Renault RLD-4, Deutz DQC III-10 LA, Category 2.1 Detroit Diesel 93K222, Ford WSS-M2C171-F1

CUSTOMER BENEFITS

Enhanced Emission Control System Life

Advanced Low SAPS additive technology prevents DPF clogging, extending the life of the exhaust gas aftertreatment system and saving costs and time for maintenance.

Reduced Maintenance and Operating Costs

By using excellent soot dispersant and anti-wear additives, cylinder, piston, rings and injectors are well protected from wear and corrosion, resulting in longer service life and less maintenance.

Extends Engine Life to Overhaul

High levels of anti-wear additives prevent all kinds of wear and scratching in highly loaded components operating under harsh conditions inside engine.

KEY PROPERTIES

SAE Grade	10W-40	15W-40
Kinematic Viscosity, mm ² /s @ 40°C	78.1	103.4
Kinematic Viscosity, mm ² /s @ 100°C	12	15.1
Viscosity Index	148	153
Pour Point °C	-34	-34
Flash Point °C	244	247
Package (Liters)	20, 200	20, 200