Fully Synthetic

K1 Lube HD CK-4

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

API CK-4, ACEA E9



DESCRIPTION

K1 Lube HD CK-4 is a cutting-edge heavy-duty diesel engine oil engineered for today's premium diesel engines, with environmental performance in mind. This synthetic formulation leverages advanced technology to deliver exceptional protection for turbocharged four-stroke diesel engines. Its strong resistance to temperature fluctuations ensures long-lasting engine components and consistent performance under a wide range of operating conditions.

APPLICATIONS

- Diesel commercial vehicles with DPF(Diesel Particulate Filter), SCR(Selective Catalytic Reduction), and EGR(Exhaust Gas Recirculation)
- Heavy duty diesel engines using low sulfur diesel fuel and multiple biodiesel blends

PERFORMANCE STANDARDS

API CK-4, ACEA E9, MB 228.31, Volvo VDS-4, MAN M 3575, Renault VI RLD-3, Mack EO-O Premium Plus,
DDC 93K218, Caterpillar ECF-3 MTU 2.1

CUSTOMER BENEFITS

Minimizes Fleet Maintenance Costs

Exceptional soot dispersion keeps fuel soot in suspension, avoiding filter plugging, cylinder head sludge, abrasive polishing wear and oil thickening.

Minimizes Fleet Operating Costs

Excellent deposit control technology on valves and piston heads reduces oil consumption. Exceptional oxidation stability and soot-control extends oil drain interval and makes the components of the engine use longer.

Extends Engine Life to Overhaul

High level of anti-wear additive protects engine against wear, scratch, and scuffing of highly loaded parts operating under boundary lubrication conditions.

KEY PROPERTIES

SAE Grade	10W-40	15W-40
Kinematic Viscosity, mm^2/s @ 40°C	98.3	112.6
Kinematic Viscosity, mm^2/s @ 100°C	14.5	14.6
Viscosity Index	152	133
Pour Point °C	-39	-38
Flash Point °C	226	230
Package (Liters)	20 ,200	20 ,200