

Semi Synthetic

K1 Lube HD CG-4

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

API CG-4



DESCRIPTION

K1 Lube HD CG-4 is a high performance, multigrade, heavy-duty diesel engine oil specifically designed to lubricate a wide range of diesel engines requiring API CG-4 performance lubricants.

APPLICATIONS

- Mixed fleets of diesel engines (high speed, four-stroke, turbo-charged or naturally aspirated)
- Commercial road transport
- Off-highway vehicles and plant
- Agricultural tractors and farm machinery
- High speed diesel engines in marine service (e.g. fishing, river transport, etc.)
- Generator sets
- Mobile hydraulic systems (where oil type and viscosity are appropriate)

PERFORMANCE STANDARDS

- API CG-4

CUSTOMER BENEFITS

Reduces fleet maintenance costs

Specially balanced metallic detergent and ashless dispersant additive system provides excellent overall engine cleanliness in all service conditions, particularly the higher soot dispersion required to maintain oil drain intervals in modern engine designs. Excellent oxidation stability protects against the formation of gums and varnish at elevated temperatures.

Prolongs engine life

Proven metallo-organic anti-wear additive system provides excellent protection against wear of critically loaded components under all operating conditions. Multigrade viscosity provides additional protection against wear at start-up and under high temperature operating conditions.

Preserves full power and performance

Metallic detergent and ashless dispersant additive system preserves full power and performance by providing excellent upper-ring-belt deposit control under the high temperatures encountered in turbocharged diesel engines.

Saves on inventory costs

Mid-ash, higher dispersion formulation provides excellent overall performance in mixed fleets of different engine designs, allowing fewer oils to be stored and reducing the chance of problems arising through product misapplication.

KEY PROPERTIES

SAE Grade	10W-30	10W-40	15W-40	20W-50
Density, kg/L @15°C	0.8666	0.8658	0.8703	0.8793
Kinematic Viscosity, mm ² /s @ 40°C	64.43	100.7	110.8	180.8
Kinematic Viscosity, mm ² /s @ 100°C	10.05	14.99	15.01	20.00
Viscosity Index	141	156	143	128
Pour Point °C	-39	-39	-36	-33
Flash Point °C	240	225	236	242
Base Number, mg KOH/g	8.67	9.11	8.93	8.77
Package (Liters)	4, 18, 200	1, 4T, 20, 200	1, 4, 4T, 6, 18, 20, 200	4, 18, 20, 200