

Fully Synthetic

# K1 Lube HD CH-4

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

API CH-4/SJ, CI-4/SL, ACEA E7



## DESCRIPTION

K1 Lube HD CH-4 is a premium performance, multigrade, highly intensive heavy duty diesel engine oil specifically formulated to lubricate a wide range of heavy-duty diesel engines requiring API CH-4, ACEA E7 performance operating in the severe environment.

## APPLICATIONS

- Mixed fleets of European, North American diesel engines (high speed, four-stroke, turbocharged or naturally aspirated)
- 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.
- It meets the major diesel engine manufacturers requirements
- Stop-and-go vehicles in high soot loading service such as buses and waste collection trucks
- Off-highway vehicles and plant

## PERFORMANCE STANDARDS

- API CH-4/SJ, CI-4/SL, VOLVO VDS-3, Mack EO-N, Renault VI RLD-2, Cummins CES 20078, ACEA E7, MB 228.3, MAN 3275, Cummins CES 20076/77, CAT ECF-2/ECF-1-A, Global DHD-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-30	15W-40	20W-40	20W-50
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	82.9	117.7	131.3	178.8
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	12.5	15.8	15	20.3
Viscosity Index	147	142	116	133
Pour Point °C	-38	-40	-35	-33
Flash Point °C	222	226	244	232
Package (Liters)	4, 18, 200	4,6,20,200	4,6,18,20,200	4,6,18,20,200