

Fully Synthetic

HANABI Lube HDX CI-4

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



OVERVIEW

HANABI Lube HDX CI-4 is a high performance engine oil for heavy-duty diesel engines. It is formulated with high quality base oils and robust performance additives, for use in modern low emission diesel engines, including those with EGR. The additive ensures protection and good oil life for engines using low or high sulphur diesel fuel.

PRODUCT APPLICATIONS

- Suitable for all turbocharged and naturally aspirated diesel engines used in civil construction machinery, trucks, fishing vessels, locomotives, and buses
- Compatible with light trucks, RVs, SUVs, heavy trucks, and buses powered by diesel engines
- Particularly well-suited for modern engines equipped with exhaust after-treatment systems, including EGR and SCR

PERFORMANCE LEVEL

- ACEA E7, Volvo VDS-3, Cummins CES 20076/77/78, API CI-4/SL, Mack EO-M Plus, Caterpillar ECF-2/ECF-1-a, MB 228.3/229.1, Renault Truck RLD/RLD-2, DEUTZ DQC III-10, MTU 2, MAN M3275, Detroit Diesel 93K215/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.

REMARKS

SAE Grade	10W-30	10W-40	15W-40	20W-50
Kinematic Viscosity, mm ² /s @ 40°C	82.9	106.8	107.2	158.6
Kinematic Viscosity, mm ² /s @ 100°C	12.5	15.6	14.5	19.1
Viscosity Index	147	155	139	137
Pour Point °C	-37	L-40	-29	-38
Flash Point °C	222	230	238	246
Package (Liters)	1T, 4T, 20, 200	1T, 4T, 20, 200	1T, 4T, 20, 200	1T, 4T, 20, 200