



Synthetic Blend HD SAE 15W-40

Heavy Duty Engine Oil

DESCRIPTION

Synthetic Blend HD SAE 15W-40 is a premium heavy-duty engine oil formulated to meet the latest API CK-4 performance standards. It provides exceptional protection for modern low-emission diesel engines equipped with EGR, DPF, and SCR systems, while also being backward compatible with earlier engine models. Its advanced additive package ensures outstanding wear protection, oxidation stability, deposit control, and extended drain capabilities under severe operating conditions.

APPLICATIONS

- ◆ On-road heavy-duty trucks operating under severe service
- ◆ Off-highway equipment (construction, mining, agriculture)
- ◆ Diesel engines with exhaust aftertreatment systems (DPF, DOC, SCR)
- ◆ Mixed fleets where gasoline and diesel engines require API SN/SN Plus/SM and CK-4 protection
- ◆ Year-round use in cold climates and high-load conditions

BENEFITS

- ◆ Reduces engine wear and extends component life.
- ◆ Resists oil thickening and deposits under high temperatures.
- ◆ Maintains viscosity under severe load and high temperature.
- ◆ Keeps engines clean for optimum performance.
- ◆ Low-temperature fluidity ensures rapid lubrication in sub-zero conditions.
- ◆ Supports longer service intervals when approved by OEM retention and disc wear protection.

TYPICAL PROPERTIES

TEST PARAMETER	METHOD	TYPICAL
Density @ 15 °C, lbs/gal	ASTM D4052	7.25
Kinematic Visc. @ 40 °C, cSt	ASTM D7042	110
Kinematic Visc. @ 100 °C, cSt	ASTM D7042	14.3
Viscosity Index	ASTM D2270	132
Pour Point, °C (°F)	ASTM D97	(-33) -27
Flash Point, °C (°F)	ASTM D93	(193) 379
TBN, mg KOH/g	ASTM D5984	10.4
Sulfated Ash, wt%	ASTM D874	0.95%

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