

ULTRA+ API CI-4 SEMI-SYNTHETIC

DIESEL ENGINE OIL

Product Description

ULTRA+ Series is a premium heavy-duty diesel engine oil, formulated with high-quality Group II base oils and a multifunctional additive package.

It delivers outstanding protection against oxidation, wear, and soot buildup, and is specifically designed for modern high-speed, turbocharged, and naturally aspirated diesel engines operating under severe service conditions.

Performance Features & Benefits

- Excellent Engine Cleanliness – keeps engines free from harmful deposits
- Superior Oxidation & Thermal Stability – resists oil thickening and degradation
- Outstanding Wear Protection – extends engine life under heavy loads
- Enhanced Cold-Start Properties – ensures reliable lubrication at low temperatures
- Effective Soot & Deposit Control – maintains performance in severe duty cycles

Applications

- Heavy-duty diesel engines in trucks, buses, and off-road machinery
- Construction, mining, and agricultural equipment
- Stationary diesel engines operating under continuous load

Typical Characteristics

Property	Test Method	SAE 10W-40	SAE 15W-40	SAE 20W-50
Kinematic Viscosity @ 40°C	ASTM D445	93 cSt	103 cSt	165 cSt
Kinematic Viscosity @ 100°C	ASTM D445	13.8 cSt	14.2 cSt	18.2 cSt
Viscosity Index	ASTM D2270	150	145	130
Density @ 15°C	ASTM D1298	0.870 g/cm ³	0.875 g/cm ³	0.880 g/cm ³
Flash Point (COC)	ASTM D92	222°C	220°C	230°C
Pour Point	ASTM D97	-36°C	-33°C	-27°C
Total Base Number (TBN)	ASTM D2896	10	10 mg KOH/g	10
Noack Volatility	ASTM D5800	>10%	<10%	>10%

