

## 0W-40 Synthetic Engine Oil API CJ-4/SM



### Description/Benefits

- Designed for “on” and “off” highways operations and are considered to be an excellent all seasonal diesel engine oil
- Provide vastly superior low temperature fluidity for cold engine starts, oxidation and thermal stability protection, soot control and wear protection
- Full (100%) synthetic blends utilizing Group III base stocks and the most advanced additive chemistry system

### Applications

- Exceeds API service Categories CJ-4/CI-4/CH-4/SM/SL/SJ
- Recommended as a “long drain” motor oil when used in conjunction with an oil analysis program
- Meets the following requirements: Mack E0-K/2, EO-L, Detroit Diesel 75E 270, Caterpillar IN/1K and extended sequences in IIIE, VE and L-38 bench tests
- Can be utilized in gasoline passenger automobiles and light duty panel trucks where heavy duty engine operations are encountered

### Properties

- Excellent soot control
- Minimizes combustion chamber ash deposits
- High oxidation and thermal stability protects the engine against sludge and varnish deposits
- High alkaline reserve (TBN) protects engine components
- Enhanced protection against bore polishing and engine scuffing
- Fast engine starts in cold weather



Premium Performance. Heavy Duty Value.

## Performance Specification

Specification	0W-40
Density @ 15.5°C, kg/L	0.8660
Viscosity, cSt @ 40°C	65
Viscosity, cSt @ 100°C	13.5
Viscosity Index	180
Flash Point, °C	188
Fire Point, °C	238
Pour Point, °C	-45
Sulphated Ash, WT%	0.99
TBN (D-2896)	10