

PENNZOIL LONG-LIFE[®] MOTOR OIL

High Quality Motor Oil for Diesel Engine with Common Rail System

PRODUCT DESCRIPTIONS

Pennzoil Long-Life[®] Motor Oil SAE 10W-30 is a premium motor oil meeting API Service Classification CH-4/SJ. Extensive filed tests show that Pennzoil Long-Life Motor Oils SAE 10W-30 can handle well with the heavy operating conditions both city and up-country traffic conditions. It is suitable to most heavy duty diesel engines.

Pennzoil Long-Life[®] Motor Oil SAE 10W-30 will promptly provide high protection to the engine when it started. The high quality base oils and the specially selected additives will provide better lubricity and will maintain its viscosity under conditions of high temperature and high stress. It has good oxidation stability and excellent dispersing characteristics which will help on better soot control.

Pennzoil Long-Life[®] Motor Oil SAE 10W-30 helps improving fuel economy as well as better acceleration in diesel engines with common rail system. It enhances engine power and helps extend engine life.

Application

Pennzoil Long-Life[®] Motor Oil SAE 10W-30 is suitable to most diesel engines in pick-up truck, off-road vehicle and Sport Utility Vehicle especially those engines with common rail system. It is recommended for diesel engines for which the owner's manual recommends API service classification CH-4/SJ.

Benefit

- Specially formulated for diesel engines with common rail system
- Improves fuel economy
- Helps protect engines against all forms of wear
- Increases lubricity property
- Helps maintaining engine power even under heavy operating conditions
- Provides good acceleration
- Exceeds API service CH-4/SJ classification

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

PENNZOIL LONG-LIFE[®] MOTOR OIL

TEST	METHOD	TYPICAL RESULTS
SAE Viscosity Grade	SAE J300	10W-30
API Service	SAE J183	CH-4/SJ
Pour Point, °C	ASTM D-97	-27
Flash Point, °C	ASTM D-92	224
Viscosity		
@ 40 °C, cSt	ASTM D-445	71.91
@ 100 °C, cSt	ASTM D-445	10.98
Viscosity Index	ASTM D-2270	143
Low Temperature Viscosity, Vis (cP) at temperature (°C) Max	ASTM D-5293	5,810 @-25C
Total Base Number, mg KOH/g	ASTM D-2896	8.8