

# PENNZOIL SUPER HD MOTOR OIL

## PRODUCT

## DESCRIPTIONS

**PENNZOIL SUPER HD MOTOR OIL** exceeds the motor oil performance requirements of modern passenger car engines and light diesel engines. A balanced blend of select high performance, high VI base stocks. It provides excellent protection for modern passenger car and light diesel engines.

The benefits of using **PENNZOIL SUPER HD MOTOR OIL** are less oil consumption, less ring breakage and less piston skirt scuffing. This is especially important for the new “low emission” diesel engines. The acid-neutralizing additive in **PENNZOIL SUPER HD MOTOR OIL** will also reduce corrosive wear, even when using fuel with sulfur levels up to twice the national average. Less corrosion deposits and wear mean less engine maintenance and longer engine life.

## APPLICATION

**PENNZOIL SUPER HD MOTOR OIL** exceeds the performance requirements of all diesel engine manufacturers specifying the use of an engine oil meeting API Service Classifications SD and CC or any combination such as SD/CC. Viscosity recommendations vary according to temperature and engine manufacturer. Always consult your owner’s manual for the correct viscosity choice.

## BENEFITS

- Minimizes oil consumption
- Protects against ring and cylinder wear
- Keeps pistons clean
- Neutralizes acids from high sulfur fuel
- Maintains efficient fuel consumption
- Reduce bore polishing
- Exceeds API Service SD/CC

## TYPICAL PHYSICAL AND CHEMICAL PROPERTIES PENNZOIL SUPER HD MOTOR OIL

TEST	METHOD	TYPICAL RESULTS		
SAE Viscosity Grade	SAE J300 (FEB92)	30	40	50
API Service	SAE J183 (JUN91)	SD/CC	SD/CC	SD/CC
Gravity, API	ASTM D-287	27.3	27.0	26.5
Pour Point, °C	ASTM D-97	-9	-9	-9
Flash Point, °C	ASTM D-92	248	257	269
Viscosity				
@ 40 °C, cSt	ASTM D-445	94.74	155.7	242.4
@ 100 °C, cSt	ASTM D-445	12.20	15.20	20.62
Viscosity Index	ASTM D-2270	104	95	95
Copper Strip Corrosion	ASTM D-130	1b	1b	1b
Total Base Number, mg KOH/g	ASTM D-2896	5.0	5.0	5.0