CHEVRON SUPREME SYNTHETIC MOTOR OIL

SAE 5W-40

PRODUCT DESCRIPTION

A fully synthetic motor oil formulated for hot or cold operating temperatures, maximum drain protection, for heavy loads and for vehicles requiring a synthetic motor oil.

CUSTOMER BENEFITS

Chevron Supreme Synthetic Motor Oil delivers value through:

- **Efficient cold weather starting** due to excellent low temperature properties of the synthetic base oils.
- **Clean engines and emission systems** resulting from minimal deposits under heavy duty and stop-and-go driving conditions.
- **Long engine life** due to extremely fast lubrication during starting, and excellent wear protection during all other engine operating conditions.

FEATURES

Chevron Supreme Synthetic Motor Oil is designed for those drivers who demand the ultimate in engine protection. It exhibits outstanding thermal and shear stability to control viscosity, and continues to provide top performance and protection even during extended drain intervals. It provides an extra measure of protection for your investment in a sport utility vehicle (SUV), high performance, or luxury car. Chevron Supreme Synthetic Motor Oil gives exceptional protection to high output, supercharged and turbocharged performance vehicles.

Chevron Supreme Synthetic Motor Oil is formulated using 100% synthetic base stocks for the best performance. The exceptional volatility and stability of synthetic base stocks promote minimal oil consumption, fast engine starting (especially in cold weather), and extremely fast lubrication of all moving parts. In addition, a special blend of additives protects the engine against harmful deposits and wear.

SAE 5W-40 provides a broad range of protection. It is specifically formulated to meet European performance requirements and is suitable for use in BMW, Mercedes-Benz, and Volkswagen. It is licensed to meet the requirements of API SN.

FUNCTIONS

Chevron Supreme Synthetic Motor Oil provides excellent wear protection in two ways:

First, due to the unique properties of synthetic base oils, the oil flows faster to critical lubrication points at startup and begins protecting the engine sooner, compared to conventional mineral oils.

Second, Chevron Supreme Synthetic Motor Oil is formulated with advanced antiwear additives that provide a protective layer on metal surfaces. This combination of synthetic base stocks and advanced antiwear chemistry means excellent wear protection and helps maximize engine life.

Chevron Supreme Synthetic Motor Oil effectively controls sludge that can restrict oil passages and intake screens and cause piston rings to stick. The superior stability of synthetic base oils allows them to resist degradation during high temperature operation and the high level of detergent additives keep sludge and varnish deposits from forming in the engine.

Chevron Supreme Synthetic Motor Oil provides excellent performance in both extreme cold and hot conditions. In cold temperatures, Chevron Supreme Synthetic Motor Oil flows easily, allowing for fast starts and quick lubrication. In today's hotter running engines, Chevron Supreme Synthetic Motor Oil effectively maintains its viscosity and resists oxidation.

Product(s) manufactured in the USA.
Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

9 January 2013
PCMO-30

APPLICATIONS

Chevron Supreme Synthetic Motor Oil is recommended for four-stroke gasoline engines in passenger cars, sport utility vehicles, and light trucks.

Chevron Supreme Synthetic Motor Oil SAE 5W-40 is licensed for:

- **API Service Categories**
  — SN

Chevron Supreme Synthetic Motor Oil SAE 5W-40 meets the requirements of:

- **ACEA European Oil Sequence** A3/B3/B4
- **BMW** Longlife-01 oil
- **Daimler** MB 229.3, 229.5
- **Porsche** A40
- **Volkswagen** 505 00, 502 00, 501 01

TYPICAL TEST DATA

SAE Grade	5W-40
Product Number	*220104*
SDS Number	*31090*
API Gravity	34.3
Viscosity, Kinematic cSt at 40°C cSt at 100°C	 85.7 14.2
Viscosity, Cold Crank, °C/Poise	-30/60
Viscosity Index	170
Pour Point, °C(°F)	-42(-44)
Volatility, NOACK, 250°C, 1 h Evaporation Loss, %	 10
Phosphorus, wt %	0.100
Zinc, wt %	0.105

Minor variations in product typical test data are to be expected in normal manufacturing.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.