



CHEVRON SUPREME MOTOR OIL

SAE 5W-20, 5W-30, 10W-30, 10W-40, 20W-50, 30, 40

PRODUCT DESCRIPTION

Premium automotive motor oil that protects against deposit and sludge formation and provides excellent wear protection to critical engine parts.

CUSTOMER BENEFITS

Chevron Supreme Motor Oils deliver value through:

- **Excellent antiwear protection**
- **Protection against thermal breakdown**
- **Clean engines** and positive crankcase ventilation systems resulting in minimal deposits under heavy load and stop-and-go driving conditions.
- **Meets or exceeds warranty requirements** of car and light truck manufacturers relying on an API SN, SM, SL or SJ service category motor oil.
- **Energy Savings** — API Resource Conserving designation for SAE 5W-20, 5W-30 and 10W-30 grades

FEATURES

Chevron Supreme Motor Oils are premium quality automotive engine oils.

All grades are formulated with high quality base stocks, and robust additive packages including shear-stable viscosity index improvers, detergents, dispersants, anti-wear agents, corrosion inhibitors, antioxidants and foam inhibitors.

Their anti-wear additives provide excellent wear protection of critical engine parts.

A high level of dispersancy in Chevron Supreme Motor Oils protects against deposit and sludge formation in stop-and-go driving, sustained high temperature operation, and protects against corrosion.

Their excellent high temperature oxidation stability helps prevent viscosity increase and oil gelling in the crankcase. They help keep PCV systems clean to maintain smooth engine performance.

APPLICATIONS

Chevron Supreme Motor Oils are suitable for use in four-stroke gasoline engines used in passenger cars, light trucks, powerboats, motorcycles, and other mobile and stationary equipment. They are excellent for high-revving engines in small cars and light trucks. All grades are suitable for use in turbocharged engines. They may also be suitable for use in natural gas engines in small cars and light trucks after consulting with the appropriate original equipment manufacturer's lubrication recommendations.

SAE 5W-20 provides optimum fuel economy and durable performance. This synthetic blend engine oil, carrying the API Resource Conserving designation, is suitable for use in domestic and import passenger cars, trucks and SUVs specifying this viscosity grade.

SAE 5W-30 is recommended by the majority of later model domestic and import passenger cars, trucks and SUVs under a wider variety of weather conditions. This synthetic blend engine oil provides excellent cold weather performance and carries the API Resource Conserving designation.

SAE 10W-30 is suitable for use in many older vehicles and a few late model cars and trucks, often those with larger 6-cylinder and V-8 and/or high performance engines. SAE 10W-30 is also designated as a Resource Conserving lubricant by API.

SAE 10W-40 is still a very popular viscosity grade in warmer climates, though it is not recommended by most auto manufacturers for their late model North American vehicles. It is often used in older model cars that see regular high temperature operation.

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

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PCMO-20

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SAE 20W-50 is suitable primarily for older engines for use in high temperature and heavy duty operations such as towing heavy trailers at highway speeds or up inclines for long periods of time. It is commonly used in high performance engines for racing and rallying.

Chevron Supreme Motor Oils **SAE 30** and **SAE 40** can be used in engine applications where an SAE 30 or SAE 40 passenger car motor oil of API SN or any previous "S" category is recommended. They perform exceptionally well in small four-stroke engines found in lawn mowers, garden tractors, snow blowers, and in refrigeration or air-conditioning engines on trucks and buses.

Note: Always consult your owner's manual regarding viscosity grade for your application.

Chevron Supreme Motor Oils meet:

- **API Service Categories**
 - SN
 - SM, SL, SJ and all previous API "S" categories
 - Resource Conserving for API SN (SAE 5W-20, 5W-30, 10W-30)
 - ILSAC GF-5 (SAE 5W-20, 5W-30, 10W-30)
- **manufacturers' performance requirements**
 - **FCA US LLC** (formerly known as Chrysler Group LLC)
MS-6395 (SAE 5W-20, 5W-30, 10W-30)
 - **FIAT**
9.55535-CR-1 (SAE 5W-30)
 - **Ford**
WSS-M2C945-A (SAE 5W-20)
WSS-M2C946-A (SAE 5W-30)
 - **General Motors**
GM 6094M (SAE 5W-20, 5W-30, 10W-30)

TYPICAL TEST DATA

SAE Grade	5W-20	5W-30	10W-30	10W-40
Product Number	220135	220013	220155	220059
SDS Number	17483	17483	17483	6717
API Gravity	32.4	32.6	30.5	30.4
Viscosity, Kinematic				
cSt at 40°C	49.3	63.1	68.4	102.2
cSt at 100°C	8.4	10.2	10.3	14.7
Viscosity, Cold Crank, °C/Poise	-30/60	-30/58	-25/62	-25/64
Viscosity Index	146	157	137	148
Flash Point, °C(°F)	> 200(392)	> 200(392)	> 200(392)	> 205(401)
Pour Point, °C(°F)	-36(-33)	-36(-33)	-36(-33)	-30(-22)
Sulfated Ash, wt %	0.9	0.9	0.9	0.9
Base Number, ASTM D2896	8.4	8.4	8.4	8.5
Phosphorus, wt %	0.076	0.076	0.076	0.077
Zinc, wt %	0.085	0.085	0.085	0.088

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.

TYPICAL TEST DATA

SAE Grade	20W-50	30	40
<i>Product Number</i>	220060	220002	220011
<i>SDS Number</i>	6717	6717	6717
API Gravity	29.0	29.3	28.8
Viscosity, Kinematic cSt at 40°C cSt at 100°C	157.8 17.3	88.8 11.0	127.1 13.8
Viscosity, Cold Crank, °C/Poise	-15/75	—	—
Viscosity Index	119	107	107
Flash Point, °C(°F)	> 205(401)	> 205(401)	> 205(401)
Pour Point, °C(°F)	-24(-11)	-30(-22)	-30(-22)
Sulfated Ash, wt %	0.9	0.9	0.9
Base Number, ASTM D2896	8.5	8.5	8.5
Phosphorus, wt %	0.077	0.077	0.077
Zinc, wt %	0.088	0.088	0.088

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