



Q1 SUPREME MOTOR OIL

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

PRODUCT DESCRIPTION

Q1 Supreme Motor Oil is a quality conventional motor oil that protects against harmful deposits, sludge and contamination in automotive engine applications.

FEATURES/BENEFITS

- Q1 Supreme Motor Oil is specifically formulated with quality base oils and cutting-edge additives to:
- Help maximize the power of your engine while maintaining cleanliness.
 - Deliver good protection against sludge and deposit formation under both normal and challenging driving conditions.
 - Help prevent Low Speed Pre-Ignition (LSPI) in turbocharged direct-injection engines.
 - Help maximize the life of catalytic converters / emissions control systems.
 - Slow the aging process by reducing wear to keep engines running longer.

PERFORMANCE CLAIMS

- Keeps engines clean through sludge prevention and limits deposit formation better than industry standard
- Excellent three-way catalyst protection
- Reduces friction-related wear up to 25% better than GF-6 limit¹.

1. Based on Sequence IVB valvetrain wear test using SAE 0W-30

APPLICATIONS, SPECIFICATIONS & APPROVALS

Suitable for both new and high-mileage cars, as well as turbocharged and naturally aspirated engines. Primarily for older engines that specify legacy API specifications (SN Plus, SN, SL, SJ, SG, SF). Also, for use in lawnmowers, forestry equipment, construction, snow blowers and other four-stroke engines that specify a single oil weight (SAE 30 and SAE 40). Meets or exceeds the following industry and OEM standards:

SAE Grade	10W-30	10W-40	20W-50	30	40
API SP/SN Plus	X	X	X	X	X
API SP/SN Plus/ Resource Conserving	X				
ILSAC GF-6A	X				
Chrysler MS-6395	X				
Fiat 9.55535-CR-1	X				
GM 6094M	X				

Product(s) manufactured in the USA and El Salvador.

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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TYPICAL TEST DATA

SAE Grade	Test Method	10W-30	10W-40	20W-50	30	40
<i>Product Number</i>		224118	224119	224120	224114	224115
<i>SDS Number</i> <i>U.S.</i> <i>El Salvador</i>		17483 48759	6717 —	6717 48770	6717 —	6717 —
Density at 15°C, kg/l	ASTM D4052	0.8726	0.8713	0.8794	0.8785	0.8807
Viscosity, Kinematic mm ² /s at 40°C mm ² /s at 100°C	ASTM D445 ASTM D445	69.0 10.3	95.7 14.0	165.5 18.5	82.3 10.5	116.2 13.4
Viscosity, Cold Crank (CCS) (cP), CCS @ °C	ASTM D5293	-25/6500	-25/6200	-15/8300	N/A	N/A
Viscosity Index	ASTM D2270	136	150	126	112	112
Flash Point, °C(°F)	ASTM D92	236(457)	238(460)	248(478)	246(474)	272(521)
Sulfated Ash, wt %	ASTM D874	0.8	0.8	0.8	0.8	0.8
Phosphorus, wt %	ASTM D4951	0.067	0.067	0.067	0.067	0.067
Zinc, wt %	ASTM D4951	0.075	0.075	0.075	0.075	0.075

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

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