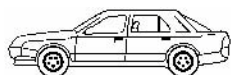




TOTAL

QUARTZ 9000 FUTURE XT



SAE 5W-20, 5W-30 & 10W-30

Synthetic passenger car motor oil with API SN GF-5 credentials

APPLICATIONS

All types of service

- **QUARTZ 9000 FUTURE** multi-grade oils are designed to meet lubrication requirements of today's naturally aspirated, turbo-charged and super-charged gasoline fueled engines.
- **QUARTZ 9000 FUTURE** multi-grade oils are formulated as full synthetic engine oils to provide excellent oxidation stability, low temperature flow properties, enhanced fuel economy and extended drain. They meet the low volatility requirements of ILSAC GF-5 for improved engine cleanliness and reduced oil consumption.

PERFORMANCE

API SN and ILSAC GF-5

OEM PERFORMANCE LEVEL:

CHRYSLER MS-12007 (5W-20); MS 11999 (5W-30); MS-12015 (10W30)
 CHRYSLER MS 6395 (all grades); GM 6094M (5W-30&10W-30 only)
 FORD WSS-M2C 946-A (5W-20 only); FORD WSS-M2C 455-A (5W-30 only)

CUSTOMER BENEFITS

Increased drain intervals

High technical performance

- These synthetic fuel economy multi-grade oils exhibit higher performance than Classic SN/GF-5 oil series. Its higher performance level allows longer drain intervals beyond the standard recommended of up to 7,000 miles.
- Enhanced detergents, dispersants, anti-oxidants, anti-wear and corrosion prevention properties improve the fluid performance under all types of service.
- Excellent low temperature flow properties ensuring easy cold starts. Engine components are lubricated quickly giving longer life.

CHARACTERISTICS

PROPERTY	5W-20	5W-30	10W-30
Specific gravity @ 60/60°F	0.850	0.854	0.856
Viscosity, cSt @ 100°C (ASTM D 445)	6.7	10.5	10.5
Viscosity, cSt @ 40°C (ASTM D 445)	36	60	64
Viscosity Index (ASTM D 2270)	140+	150+	140+
Cold crank simulator, cp @ (ASTM D 5293)	5500@ -30°C	6000@ -30°C	6100@ -25°C
Pour Point, °F (°C) (ASTM D 97)	-33 (-36)	-33 (-36)	-27 (-33)
Phosphorous, ppm	760	760	760
NOACK, (15 wt% max loss)	Pass	Pass	Pass

TOTAL Lubricants USA, Inc.

Quartz 9000 Future XT Oils

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