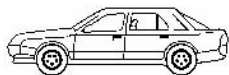


QUARTZ 9000 FUTURE



SAE 0W-20



TOTAL

Synthetic passenger car motor oil, API SN/GF-5

APPLICATIONS

All types of service

- **QUARTZ 9000 FUTURE 0W-20 (API SN)** is well-engineered passenger car gasoline engine oil with excellent fuel efficiency. It outperforms traditional viscosity grades of 5W-20, 5W-30 or 10W-30 of passenger car engine oil for fuel efficiency. It meets all current industry standard requirements of domestic carmakers calling for SAE 0W-20 and is recommended to replace the SAE 5W-20 gasoline engine oil applications.
- **QUARTZ 9000 FUTURE 0W-20 (API SN)** is an all-season synthetic oil that can be used under the most difficult operating conditions (highways, congested city traffic, etc.). This grade is recommended by car manufacturers such as Toyota and Honda for some hybrid vehicle applications and excels in performance under low temperature conditions.

PERFORMANCE

API SN and ILSAC GF-5

RECOMMENDED FOR:
Honda and Toyota

CUSTOMER BENEFITS

Fuel savings
Extended drain intervals

High technical
performance

- An exceptionally robust synthetic oil film resists oxidation at high temperature which allows extended drain intervals
- Excellent low temperature flow properties insure easy cold starts. Engine components are lubricated quickly reducing wear, hence extending engine life.
- High quality detergents and dispersants keep engine parts clean

CHARACTERISTICS

TYPICAL TEST PROPERTIES—QUARTZ 9000 FUTURE 0W-20 (API SN)	
Specific gravity @ 60/60°F	0.850
Viscosity, cSt @ 100°C (ASTM D 445)	7.5
Viscosity, cSt @ 40°C (ASTM D 445)	40
Viscosity Index (ASTM D 2270)	158
Cold crank simulator, cps @ (ASTM D 5293)	<6,200@ -35°C
Pour Point, °F (°C) (ASTM D 97)	-40 (-40)
NOACK, (15 wt% max loss)	Pass

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Quartz 9000 Future 0W-20
API SN

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