



Passenger car engine oils - Fully Synthetic

Miles 0W-20

Fully synthetic long-life motor oil

Description

Miles 0W-20 is a fully synthetic engine oil, especially suitable for American and Asian petrol engines in passenger cars, SUV's, delivery vans and hybrids. This engine oil can be used in cars equipped with catalytic converters, turbo charged engines and direct injection systems where API SP(-RC) or ILSAC GF-6a is prescribed. Miles 0W-20 is compatible with petrol fuels containing up to 85% ethanol (E85) as well as LPG and CNG.

Miles 0W-20 provides optimum lubrication and cleaning for in particular Asian and American petrol engines from different automobile manufacturers as Ford, Chrysler, GM, Toyota, Lexus, Kia, Subaru, Mitsubishi and Honda.

This oil offers ultimate protection for hybrids and engines running under start-stop conditions. Its exceptionally low viscosity allows it to be used the year round, also during very low temperatures in the wintertime.

Miles 0W-20 is designed to give improved fuel economy, turbocharger protection, and emission control system compatibility. This oil offers excellent protection against wear, corrosion, sludge and deposits as soon as the engine has started up to ensure maximum engine durability.

Miles 0W-20 minimizes the risk of LSPI (Low Speed Pre Ignition) in modern engines with GDI and TGDI and gives ultimate protection to the timing chain against deposits and wear.

Miles 0W-20 is backward compatible to previous API specifications as API SM, SN and SN Plus as well as ILSAC GF 4 and GF-5.

Approved

- API SP

Performance level

- API SP-RC
- ILSAC GF-6A
- GM dexos 1 Gen 2

Recommended for use

- API CF
- Chrysler MS 6395
- Ford WSS-M2C-947A

Physical properties

Colour	amber	
Density at 20°C	0.842 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	45.1 cSt	ASTM D 445
Viscosity, kinematic at 100°C	8.6 cSt	ASTM D 445
Viscosity Index	172	ASTM D 2270
Viscosity, dynamic (CCS)	5049 cP	ASTM D 5293
Base number	7.2 mg	ASTM D 2896
Sulphated ash	0.72 wt%	ASTM D 874
Flash point	228 °C	ASTM D 93
Pour point	-39 °C	ASTM D 97