

# APOLLO FE-RC

## FULL SYNTHETIC FUEL ECONOMY ENGINE OIL

### Description

Apollo FE-RC comprises a fully synthetic range of motor oils gasoline, LPG and light diesel engines in passenger cars. This oil can be used in cars equipped with catalytic converters, turbo charged engines, and direct injection systems, where API SN(-RC) (as well as SJ, SL and SM) or ILSAC GF-5 (as well as GF-2,-3 and-4) is prescribed.

Apollo FE-RC, manufactured with OPT additives, offers an extremely high protection, also for turbochargers, over prolonged drain intervals. Apollo FE-RC controls high temperature oxidation and deposits and prevents sludge and varnish formation from surfaces and meet the highest 2010 U.S. standards for engine wear protection.

Apollo FE-RC offers improved fuel economy and fuel economy retention resulting in lower emissions. Furthermore it is compatible with gasoline fuels containing up to 85% ethanol (E85). The Apollo FE-RC is suitable for modern hybrid cars for car brands like Toyota, Honda and Lexus.

For certain severe applications, such as stop-and-go or heavy loads, drain intervals should be reduced significantly, as being mentioned in some manuals. If the quality needed for a specific vehicle is not mentioned under "performance level", the applicability of this oil should be checked, in the manufacturers advice.

### Performance levels



#### SAE 0W-20

- API SN
- ILSAC GF-5

#### Recommended for use

- GM Dexos 1
- Chrysler MS 6395
- Ford WSS-M2C-947A



#### SAE 5W-20

- API SN-RC
- ILSAC GF-5

#### Recommended for use

- Ford WSS-M2C945-A
- Ford WSS-M2C930-A
- Fiat 9.55535-CR1
- Chrysler MS 6395
- GM 6048-M



#### SAE 0W-30

- API SN-RC
- ILSAC GF-5



#### SAE 5W-30

- API SN-RC
- ILSAC GF-5

#### Recommended for use

- GM Dexos 1
- Ford WSS-M2C946-A
- Chrysler MS 6395
- GM 6049-M

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### Typical Properties

SAE			0W-20	5W-20	0W-30	5W-30
				LUB003028	LUB003027	LUB003026
Colour			Amber	Amber	Amber	Amber
Density at 20°C	kg/m3	ASTM D 1298	847	849	847	853
Viscosity, kinematic at 40°C	cSt	ASTM D 445	44.7	45.8	50.5	56.2
Viscosity, kinematic at 100°C	cSt	ASTM D 445	8.5	8.7	9.6	9.9
Viscosity Index		ASTM D 2270	171	172	178	164
Viscosity, dynamic (CCS)	cP	ASTM D 2602	5866	3431	5689	5344
Base number	mg KOH/g	ASTM D 2896	8.5	8.5	8.5	8.5
Flash point	°C	ASTM D 93	200	209	182	178
Pour point	°C	ASTM D 97	-42	-39	-42	-36