

# Product Information

PROFIX SP/RC/GF-6A 0W-20 5W-30 10W-30

PROFIX SP/RC/GF-6A SERIES is oil for eco-friendly, better fuel economy gasoline engines which matched the latest standard API SP of API(American Petroleum Institute) and latest standard ILSAC GF-6A of ILSAC(International Lubricant Standardization and Approval Committee).

This oil use only high viscosity index base oil(VHVI) to base oil. This oil shows a superior oil film retention and high temperature oxidation stability and superior wear resistance by the effective combination with the original additive. (Synthetic)

## Approvals

API SP ILSAC GF-6A

## Characteristics (Typical Figures)

SAE Grade		0W-20	5W-30	10W-30
Viscosity at 100°C	mm <sup>2</sup> /s	8.477	9.780	9.824
Viscosity at 40°C	mm <sup>2</sup> /s	44.99	58.46	59.77
Viscosity at	mPa.s	5,750(-35°C)	6,100(-30°C)	3,700(-25°C)
Viscosity Index	-	168	153	150
Flash Point COC	°C	240	238	240
Density at 15°C	g/cm <sup>3</sup>	0.8470	0.8515	0.8526
Pour Point	°C	-42.5	-42.5	-40.0

## PROPERTIES AND PERFORMANCE OF PROFIX SP/RC/GF-6A PRODUCT

- This product prevents the occurrence of LSPI (Low-Speed Pre Ignission)\*, which may occur under a direct injection engine. ) \* A type of knocking
- Oil film retention is strengthened by combination of high viscosity index group oil(VHVI), and this oil shows engine protection performance under the severe terms of use. And this oil protects an engine in a high temperature, the heavy load and draws higher engine performance.
- This oil shows superior high temperature oxidation stability by combination of high viscosity index oil(VHVI) and prevents deterioration of oil exposed to the high temperature in the engine and maintains high lubrication performance for a long term.
- This product has a longer life performance than the conventional PROFIX SN / GF-5 series, and is an oil that is resistant to high temperature and high load environments.
- This oil shows superior start characteristics of engine in the cold districts and prevents the partial abrasion of engine by superior low temperature fluidity. In addition, this oil draw engine performance by superior lubrication performance effectively.
- "Doughnut mark" of API is printed to a package. As for this mark, it is accepted indication only the oil which acquired the certification of API.
- "Star burst mark" of ILSAC is printed to a package. As for this mark, it is accepted indication only the latest standard oil that acquired the certification of ILSAC.