



OPALPERF FE-HY 0W16

FULL SYNTHETIC LOW VISCOSITY LUBRICANT



LIGHT VEHICLE RANGE

ENGINE
SAE 0W-16

Engine cleanliness

Oxidation resistance

Shear stability

STANDARDS AND SPECIFICATIONS

API SQ
ILSAC GF-7B

Full
synthetic

APPLICATIONS

OPALPERF FE-HY 0W16 is a fully synthetic oil, developed for gasoline and hybrid passenger car engines requiring very low viscosity to reduce CO₂ emissions

OPALPERF FE-HY 0W16 is suitable for all Hybrid vehicles such as: SUZUKI, SUBARU, TOYOTA...

ADVANTAGES

- Excellent shear stability to ensure good lubrication at high temperatures.
- Thanks to its low cold viscosity (SAE 0W grade), the lubricant circulates through the engine more quickly, thereby reducing metal-to-metal contact to optimise fuel economy and reduce CO₂ emissions while providing excellent engine protection against wear.
- Reduced fuel consumption and CO₂ emissions thanks to very low viscosity
- Good engine cleanliness thanks to its excellent detergent and dispersing properties
- Enhanced protection against Low-Speed Pre-Ignition (LSPI) and timing chain wear

PERFORMANCES

PERFORMANCE LEVELS | API SQ; API SP-RC
ILSAC GF-7B; GF-6B

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	AVERAGE VALUES
SAE grade	-	-	0W-16
Density at 20°C	kg/m ³	NF T 60-101	845
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	37.4
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	7.3
Viscosity index	-	NF T 60-136	166
Pour point	°C	NF T 60-105	-36
Flash point	°C	NF T 60-118	224
CCS viscosity at -35°C	mPa.s	ASTM D 5293	4,946
HTHS viscosity at 150°C	mPa.s	CEC L-036-90	2.4
Noack volatility	% wt	CEC-L-40-A-93	11.6
TBN	mg KOH/g	ASTM D 2896	8.9

Average characteristic values are provided for information purposes only

HEALTH, SAFETY AND ENVIRONMENT

Disposal must comply with applicable regulations pertaining to the disposal of used oils.

Store in a location sheltered from weather.

www.unil-opal.com

Safety data sheets (SDS) are available at <https://www.quickfds.com/en/connect/>

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