



# Technical Data Sheet

## Idemitsu 0W-16 SP/GF-6B

### Fully Synthetic Engine Oil

#### Description and Application

Idemitsu 0W-16 SP/GF-6B is a fully synthetic, ultra-low viscosity formulation with robust additive technology, enable engines to achieve maximum levels of efficiency, torque and horsepower.

Idemitsu 0W-16 SP/GF-6B is the perfect solution for hybrid and gasoline vehicles. Superior cleanliness that keeps the engine free from sludge and varnish so that the engine stays clean & functions properly.

#### Features and Benefits

- *Maximum fuel economy:* high quality, low viscosity synthetic base oil combined with advanced friction modifying additive technology reduce friction and improve lubricant flow characteristics to deliver the highest level of fuel economy.
- *Extended Engine life:* the unique friction reducing & surface active anti-wear additive chemistry provide enhanced wear protection and durability for extended engine life.
- *Exceptional emission control:* ultra-low volatility formulation with outstanding chemical and viscosity stability to reduce tail pipe emissions and provide exceptional protection to vehicles emissions control system, including the catalytic converter.

#### Recommended Use

Idemitsu 0W-16 meet the performance requirements for –

- API SP (backward compatible to SN Plus),
- ILSAC GF-6B

Idemitsu 0W-16 is suitable for use where 0W-16 is recommended for –

- All Asian OEMs engine design
- Hybrid engines
- Gasoline engines

#### Health and Safety

Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use. To request the SDS, please email at: [sds@ilacorp.com](mailto:sds@ilacorp.com)

Characteristics	Units	Test Method	Typical Value
Density @15°C	g/cm <sup>3</sup>	ASTM D4052	0.844
Kinematic Viscosity @40°C	cSt	ASTM D445	35.94
Kinematic Viscosity @100°C	cSt	ASTM D445	6.866
Viscosity Index	-	ASTM D2270	154
MRV TP-1 Viscosity @ -40°C	cP	ASTM D4684	14,000
HTHS Viscosity @ 150°C	cP	ASTM D4883	2.30
CCS Viscosity @ -35°C	cP	ASTM D5293	5400
NOACK Volatility	% wt Loss	ASTM D5800	10.6

Idemitsu is ISO Certified

ISO 9001

ISO 14001

IATF 16949



Typical properties are provided as reference and may vary slightly. They do not constitute a specification.

Product formulations and information contained herein are subject to change without notification.

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