



# Technical Data Sheet

## Idemitsu 5W-30 SP/GF-6

### Fully Synthetic Engine Oil

#### Description and Application

Idemitsu 5W-30 SP/GF-6 is a fully synthetic formulation with robust additive technology, enable engines to achieve maximum levels of efficiency, torque and horsepower.

Idemitsu 5W-30 SP/GF-6 helps extended engine life by minimizing wear & maintaining the engine free of harmful deposits, delivers extended drain intervals and reduce harmful emissions.

#### Features and Benefits

- *Engine Protection without compromise:* unique and potent additive components minimize the formation of deposits, even under extreme operating conditions to provide outstanding protection against wear of the engine parts.
- *Reduced Oil Consumption and Lower Emissions:* Carefully balanced formulation of high quality base oils and proprietary additives provide extremely low volatility and piston cleanliness which means less oil burn-off and emissions.
- *Maximum fuel economy:* high quality 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.

#### Recommended Use

Idemitsu 5W-30 meet the performance requirements for –

- API SP (backward compatible to SN Plus),
- ILSAC GF-6A (backward compatible to ILSAC GF-5),
- Ford WSS-M2C961-A1 (backward compatible with Ford WSS-M2C946-B1).

Idemitsu 5W-30 is suitable for use where 5W-30 is recommended for –

- All Asian OEMs engine design
- TGD engines
- PFI 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	0.8486
Kinematic Viscosity @40°C	cSt	ASTM D445	55.61
Kinematic Viscosity @100°C	cSt	ASTM D445	9.492
Viscosity Index	-	ASTM D2270	155
MRV TP-1 Viscosity @ -30°C	cP	ASTM D4684	16,000
HTHS Viscosity @ 150°C	cP	ASTM D4883	2.97
CCS Viscosity @ -30°C	cP	ASTM D5293	5,350
NOACK Volatility	% wt Loss	ASTM D5800	8.5

#### 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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