



Technical Data Sheet

Idemitsu 5W-20 SP/GF-6

Fully Synthetic Engine Oil

Description and Application

Idemitsu 5W-20 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-20 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-20 meet the performance requirements for –

- API SP (backward compatible to SN Plus),
- ILSAC GF-6A (backward compatible to ILSAC GF-5),
- Ford WSS-M2C960-A1 (backward compatible with Ford WSS-M2C945-B1.

Idemitsu 5W-20 is suitable for use where 5W-20 is recommended for –

- All Asian OEMs engine design
- TGDI 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

Characteristics	Units	Test Method	Typical Value
Density @15°C	g/cm ³	ASTM D4052	0.8487
Kinematic Viscosity @40°C	cSt	ASTM D445	47.17
Kinematic Viscosity @100°C	cSt	ASTM D445	8.164
Viscosity Index	-	ASTM D2270	147
MRV TP-1 Viscosity @ -30°C	cP	ASTM D4684	13,600
HTHS Viscosity @ 150°C	cP	ASTM D4883	2.64
CCS Viscosity @ -30°C	cP	ASTM D5293	5,250
NOACK Volatility	% wt Loss	ASTM D5800	8.2

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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