



## Idemitsu 0W-20 SP/GF-6

### Fully Synthetic Engine Oil

#### Description and Application

Idemitsu 0W-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 0W-20 SP/GF-6 helps extended engine life by minimizing wear & maintaining the engine free of harmful deposits, delivers extended drain intervals and protects emission control systems.

#### 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.
- **Low-Speed Pre-Ignition (LSPI) Control:** Optimized detergent chemistry effectively eliminates LSPI (also known as stochastic pre-ignition) events, most common in certain TGDI vehicles operating at low-speeds and high-loads.
- **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.

Characteristics	Units	Test Method	Typical Value
Density @15°C	g/cm <sup>3</sup>	ASTM D4052	0.8438
Kinematic Viscosity @40°C	cSt	ASTM D445	44.09
Kinematic Viscosity @100°C	cSt	ASTM D445	8.267
Viscosity Index	-	ASTM D2270	165
MRV TP-1 Viscosity @ -40°C	cP	ASTM D4684	18,200
HTHS Viscosity @ 150°C	cP	ASTM D4883	2.64
CCS Viscosity @ -30°C	cP	ASTM D5293	5700
NOACK Volatility	% wt Loss	ASTM D5800	11.6

#### Idemitsu Lubricants America Corporation

3000 Town Center, Suite 2820  
Southfield, MI 48075

248.355.0666  
sat@ilacorp.com

www.idemitsulubricants.com

## Technical Data Sheet

#### Recommended Use

Idemitsu 0W-20 meet the performance requirements for –

- API SP (backward compatible to SN Plus),
- ILSAC GF-6A (backward compatible to ILSAC GF-5),
- Ford WSS-M2C962-A1 (backward compatible with Ford WSS-M2C947-B1).

Idemitsu 0W-20 is suitable for use where 0W-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](mailto:sds@ilacorp.com)

#### 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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