



## IFG3 5W-20 SP/GF-6

### Fully Synthetic Engine Oil

#### Description and Application

Fully synthetic engine oil that achieves maximum levels of fuel efficiency, torque, and horsepower.

Robust formulation that minimizes engine Wear & Tear due to extreme temperatures and other harmful agents.

Unique additive package that delivers OEM specific extended drain intervals and protects emission system catalysts and particulate filters. Designed for the latest direct and port injected engines requiring low viscosity friction characteristics.

#### Features and Benefits

- **Maximum Wear Protection:**
  - Fully synthetic base lubricant with greater viscosity retention under extreme temperatures. Special additive package that minimizes metal to metal contact.
- **Mitigates Low-Speed Pre-Ignition (LSPI):**
  - Special designed additive package that mitigates premature combustion before TDC, reducing the chances of LSPI occurrences.
- **Improves fuel economy:**
  - Enhanced formulation that reduces frictional resistance on moving parts providing lower fuel consumption.
- **Advance cleanliness technology:**
  - Unique additive design prevents acid build up, deposits, and sludge.
- **Emission System Protection:**
  - Formulation built to extend the life of three way catalysts and gasoline particulate filters.

#### Typical Test Data

Characteristics	Units	Test Method	Typical Value
Density @15°C	g/cm3	ASTM D4052	0.850
Kinematic Viscosity @100°C	cSt	ASTM D445	8.6
CCS Viscosity @ -30°C	cP	ASTM D5293	5400
Noack Volatility @ 250°C	wt%	ASTM D5800	8
HTHS Viscosity	cP	ASTM D4683	2.6
Color	-	Visual	Brown
Total Base Number	mg KOH	ASTM D2896	7

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## Technical Data Sheet

#### Recommended Use

IFG3 5W-20 meet the performance requirements for:

- API SP
- API SN Plus (Backwards Compatible)
- ILSAC GF-6
- ILSAC GF-5 (Backwards Compatible)
- Ford WSS-M2C960-A1
- Ford WSS-M2C945-B1

IFG3 5W-20 is suitable for all OEMs requiring standards and specifications listed above.

#### Health and Safety

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

Idemitsu is ISO Certified

Typical Test Data 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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