

## IDEMITSU SN/GF-5 5W-30

Fully Synthetic Fuel Economy Engine Oil

### Description and Application

IDEMITSU has partnered with some of the world's largest vehicle manufacturers to develop technologically advanced engine oils that deliver the highest levels of fuel economy combined with enhanced wear protection, even under the most demanding operating conditions. The unique combination of the highest quality synthetic base oils and performance additive components enable high performance engines to achieve maximum levels of efficiency, torque and horsepower while at the same time extending the durability of the engine by minimizing wear and maintaining the engine virtually free of harmful deposits.

IDEMITSU 5W-30 delivers enhanced high temperature performance and is engineered to provide superior protection to newer, advanced performance, Gasoline Direct Injection (GDI) engines equipped with turbochargers.

### Features and Benefits



**Maximum Fuel Economy:** Synthetic base oils combined with advanced friction modifying additive technologies reduce friction and improve lubricant flow characteristics to deliver the highest level of fuel economy.



**Engine Protection without Compromise:** Incorporates unique and potent additive components to provide outstanding protection against engine wear. It minimizes the formation of deposits, even under extreme testing conditions.



**Reduced Oil Consumption and Lower Emissions:** Engineered to provide extremely low volatility and high piston cleanliness which means less oil burn-off and emissions.

### Typical Characteristics

Test	Unit	Method	Typical Results
Appearance	---	Visual	Clear Amber Liquid
Density @ 15°C	g/cm	ASTM D4052	0.848
Kinematic Viscosity @ 40°C	cSt	ASTM D445	62.0
Kinematic Viscosity @ 100°C	cSt	ASTM D445	10.79
Viscosity Index		ASTM D2270	166
HTHS Viscosity @ 150"	cP	ASTM D4883	3.14
CCS Viscosity @ -30° C	cP	ASTM D5293	4,540
MRV TP-1 Viscosity @ -35°C	cP	ASTM D4684	15,400
Flash Point, COC	°C	ASTM D92	232
NOACK Volatility	% Wt. Loss	ASTM D5800	10.0

### Specifications & Approvals

API SN (backwards compatible to API SM, SL, SJ, SH...)

ILSAC GF-5 (backwards compatible to ILSAC GF-4, GF-3, GF-2, GF-1)

Recommended for all domestic and import vehicles where to use of API SN/ILSAC GF-5 performance engine oil is indicated\*

\* Where SAE 5W-30 viscosity grade is specified. Always consult your vehicles maintenance guide for detailed instructions.



**Idemitsu engineers** advanced technology motor engine oils that provide superior fuel economy and unsurpassed engine protection under the most severe operating conditions. It is no surprise that Idemitsu has been selected as the provider of factory and service-fill automotive lubricants to many of the largest global vehicle manufacturers.

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**Idemitsu is ISO Certified:**

ISO 9001:2008  
ISO 14001:2004  
ISO/TS 16949:2009



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