



## Technical Data Sheet

### Racing Rotary Premix

#### Fuel Lube

##### Description and Application

This formulation has been specifically engineered to provide additional protection for rotary engines throughout their unique combustion process. The technology for this formulation utilizes Idemitsu's experience with the first 24 hour Le Mans winner using a rotary engine for which Idemitsu developed the winning oil.

Inherently with rotary engines, the entirety of the rotor and housing are not sufficiently lubricated by engine oil alone, resulting in premature wear. In order to solve this problem, Idemitsu developed this Rotary Premix. At ½ oz per gallon of fuel, it is a cost-effective way to lubricate more of your engine and prevent catastrophic damage.

##### Features and Benefits

- Reduces deposits and subsequent exhaust port clogging
- Special detergents/dispersants keep your fuel injectors clean to reduce maintenance
- Provides additional wear protection for Apex Seals, Side Seals, etc.
- Reduces power loss due to friction

##### Typical Test Data

Characteristics	Units	Test Method	Typical Value
Kinematic Viscosity @40°C	cSt	ASTM D445	52.92
Kinematic Viscosity @100°C	cSt	ASTM D445	8.52
Viscosity Index	-	ASTM D2270	136
Flash Point	°C	ASTM D92	126
Pour Point	°C	ASTM D97	-39
JASO FC Classification			Exceeds

##### Recommended Use

Idemitsu Racing Rotary Premix meets the performance requirements of:

- Wankel Rotary Engines

Please note:

- Compatible with methanol, ethanol, and gasoline fuels.
- Always fill crankcase to manufacturer's recommended level.

##### 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: [ila.sds@idemitsu.com](mailto:ila.sds@idemitsu.com)

**Idemitsu is ISO Certified**

*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.*

##### Idemitsu Lubricants America Corporation

39500 High Pointe Blvd  
Novi, MI 48375

248.355.0666

[ila.sat@idemitsu.com](mailto:ila.sat@idemitsu.com)  
[www.idemitsulubricants.com](http://www.idemitsulubricants.com)

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