



Technical Data Sheet

IFG Plantech Racing 0W-20

Fully Synthetic Engine Oil

"IDEMITSU IFG Plantech Racing" embodies our brand message, "The Heart of Technology", and is a product that maximizes our technology to enhance engine performance and reduce environmental impact.

Our unique tailor-made blending technology combines molybdenum, which reduces power loss with plant-based esters that thicken the oil film and improve protection performance, in a plant derived base oil.

We encourage you to try this high-performance, environmentally friendly, and high-quality oil in your cherished vehicle.

World's first plant-based racing oil:

- **Base Oil - RSPO Certified Palm Oil:**
 - Sustainably sourced palm oil has been farmed, processed, distributed and sold with strict rules that protect animals, the environment and people who live and work in oil palm producing countries.
- **Plant-Based Ester:**
 - High purity synthetic base oils do not readily dissolve molybdenum, an element that reduces power loss. However, Idemitsu applied its expertise to vastly increase the molybdenum content through a high-viscosity plant-based ester.
- **82% CO₂ Reduction**
 - The carbon footprint is 82% lower than mineral oil, based on the Japan LP Gas Association estimate of CO₂ emissions per unit during the entire product life cycle.

Typical Test Data

Characteristics	Units	Test Method	Typical Value
Kinematic Viscosity @40°C	cSt	ASTM D445	30.4
Kinematic Viscosity @100°C	cSt	ASTM D445	7.0
Viscosity Index	-	ASTM D2270	205
Flash Point	°C	ASTM D93	226
Color	-	Visual	Brown
NOACK Volatility @250°C	%Wt	ASTM D5800	7

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Recommended Use

IFG Plantech Racing 0W-20 meet the performance requirements for:

- API SP
- API SN Plus (Backwards Compatible)

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

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.

Rev1-09/2025