



PRODUCT DATA SHEET

ICHIRO

ICHIRO SEIRYU (ICR-1463~1465)

Product Description:

Ichiro Seiryu ICR-1463~1465 are a high performance fully synthetic passenger car motor oil (PCMO) with standards of API SP and ILSAC GF-6 that developed to address the critical needs of newer vehicles in engine technology developments, including turbocharged gasoline direct injection (TGDI) engines.

Ichiro Seiryu ICR-1463~1465 Engine Oil are a new category approaches with a greater contribution to fuel economy and engine protection. Improved lubricant robustness will assist in piston cleanliness and better fuel efficiency while maintaining sludge as well as wear control. The newest engine oil performance standard ILSAC GF-6 also aimed to combat problems with low-speed pre-ignition (LSPI), a common issue with turbocharged engines.

Applications / Benefits:

- Newest engine oil performance standard.
- Low-speed pre-ignition (LSPI) and timing chain wear protection.
- Greater fuel economy and fuel efficiency.
- Enhance overall engine cleanliness.
- Improve against engine wear.

Typical Characteristics:

Test Description	Method	ICR-1463	ICR-1465	ICR-1464
SAE Viscosity Grade	SAE J 300	0W-20	0W-30	10W-30
Specific Gravity @ 15 °C	ASTM D 4052	0.857	0.859	0.863
Flash Point, °C	ASTM D 92	210	214	216
Pour Point, °C	ASTM D 97	-39	-39	-36
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	42.9	58.2	67.8
cSt @ 100°C	ASTM D 445	8.50	10.7	11.2
Viscosity Index	ASTM D 2270	180	177	158
TBN, mgKOH/g	ASTM D 2896	7.0	7.0	7.0
Color	ASTM D 1500	<3.0	<3.0	<3.0
CCS, cP	ASTM D 5293	≤6200	≤6200	≤7000
HTHS, cP	ASTM D 5481	≥2.6	≥2.9	≥2.9

Suggested for the following uses:

- API SP
- ILSAC GF-6
- Ford WSS-M2C962-A1*
- Ford WSS-M2C963-A1**

*Please note official claim apply to SAE 0W20, only

**Please note official claim apply to SAE 0W30, only

ICHIRO CORPORATION 株式会社

www.ichiro-oil.com

Furnishing the information contained herein does not constitute a representation by Ichiro that any product or process is free from patent infringement claims of any third party nor does it constitute the granting of a license under any patent of Ichiro or any third party. Ichiro assumes no liability for any infringement which might arise out of the product. The information and suggestions for use and application presented herein represent the best information available to us and believed to be reliable. They should not, however, be construed as controlling suggestions, and users urged to conduct confirmatory test to determine final suitability for their specific end uses. Ichiro warranty only that its products meet the specifications which it sets for them and specifically DISCLAIMS ALL OTHER WARRANTIES relating to the products and the application thereof. EXPRESS or IMPLIED including but not limited to warranties of MERCHANTABILITY and FITNESS.