



# PRODUCT DATA SHEET

## ICHIRO

### ICHIRO GENBU (ICR-6005~6007)

#### Product Description:

Ichiro Genbu ICR-6005~6007 are designed to give outstanding and much extended service in a variety of applications. Ichiro Genbu ICR-6005~6007 are blended from high nature viscosity index fully synthetic base oils and fortified with a high technology core oxidation inhibitor to enhance high temperature performance and stability as well as dramatically prolong the service life span. Ichiro Genbu ICR-6005~6007 are resistant to oxidation even at very high temperature thus minimizes degradation, giving this fluid a longer usable life and minimizing deposit formation that can be inhibit efficient heat transfer.

Ichiro Genbu ICR-6005~6007 may be used in both open and inert gas blanketed close heat transfer systems. And in the open system, Ichiro Genbu ICR-6005~6007 should not be used over 160 °C. While in the close system, the maximum operation temperature is 320 °C.

#### Applications / Benefits:

- ▣ Blended with naturally high VI synthetic base oils.
- ▣ Contains high temperature oxidation inhibitors.
- ▣ Minimizes deposit formation.
- ▣ Long fluid life.

#### Typical Characteristics:

Test Description	Method	22	32	46
ISO Viscosity Grade	-	22	32	46
Specific Gravity @ 15 °C	ASTM D 4052	0.841	0.843	0.848
Flash Point, °C	ASTM D 92	218	228	232
Pour Point, °C	ASTM D 97	-18	-18	-15
Kinematic Viscosity, cSt @ 40°C	ASTM D 445	22.2	30.5	44.2
cSt @ 100°C	ASTM D 445	4.57	5.67	7.30
Viscosity Index	ASTM D 2270	122	128	127
Color	ASTM D 1500	<0.5	<0.5	<0.5

#### Specific Heat Capacity

Temperature, °C	25	100	150	200	250	300
ISO 22 Specific Heat Capacity, kJ/kg·°C	1.82	2.08	2.21	2.49	2.73	2.91
ISO 32 Specific Heat Capacity, kJ/kg·°C	1.88	2.16	2.32	2.51	2.71	2.87
ISO 46 Specific Heat Capacity, kJ/kg·°C	1.93	2.19	2.34	2.5	2.68	2.85

Max. Film Temperature, °C	340
Max. Bulk Temperature, °C	320

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