

# ICHIRO GENBU ICR 6212~6219

INDUSTRIAL GEAR OIL - MINERAL

## Description

説明

**Mineral Industrial Gear Oil, extreme pressure gear lubricants designed to operate over a very wide range of temperatures and conditions. These fluids possess excellent high temperature oxidation stability and superior low temperature fluidity. These products have the ability to rapidly separate from water and thus prevent the formation of anti-lubricating emulsions. The incorporation of special additives in these products protects equipment from rust, corrosion and foam. In addition, extreme pressure additives provide optimum protection against shock loading and offer high load carrying capabilities.**

These products find applications in virtually all types of industrial settings. Some typical applications include gear sets and oil circulating systems found in steel mills, foundries, glass and bottle manufacturing plants, injection molding machines, paper mills, electrical wheel motors used in surface mining and quarries, shearing arms in underground coal mining, cement kilns, petroleum and chemical processing plants.

## Benefits

特典

- △ Excellent low and high temperature performance
- △ Prevents rust and corrosion
- △ Reduces galling, scuffing, and welding of gear teeth
- △ Improves fuel economy

## Typical Characteristics

典型的な特徴

Test Description	Method	Unit	ICR-			
			6212	6213	6214	6215
ISO Viscosity Grade	-	-	<b>ISO 46</b>	<b>ISO 68</b>	<b>ISO 100</b>	<b>ISO 150</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.868	0.872	0.875	0.885
Flash Point	ASTM D 92	°C	210	220	242	240
Pour Point	ASTM D 97	°C	-24	-18	-15	-15
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	46.4	70.4	99.7	153.8
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	6.9	9.0	11.6	15.3
Viscosity Index	ASTM D 2270	-	102	102	104	100

**Typical Characteristics**
**典型的な特徴**

Test Description	Method	Unit	ICR-			
			6216	6217	6218	6219
ISO Viscosity Grade	-	-	<b>ISO 220</b>	<b>ISO 320</b>	<b>ISO 460</b>	<b>ISO 680</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.893	0.901	0.904	0.907
Flash Point	ASTM D 92	°C	244	248	250	255
Pour Point	ASTM D 97	°C	-12	-9	-6	-9
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	224.6	329.3	464.1	683.4
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	19.3	24.9	32.0	40.5
Viscosity Index	ASTM D 2270	-	97	97	100	103

**Suitable For Uses**
**使用に適した**

△ AGMA	9005-F16 AS
△ DAVID BROWN	S1.53.101 TYPE M, A & E
△ DIN	51517 PART 3
△ ISO	12925-1 CKC/CKD
△ U.S. STEEL	224

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