



CIM ULTRA IGO 220 PAO

Description

CIM Ultra Synthetic Industrial Gear Oil 220 is blended from full Synthetic PAO (Poly Alpha Olefin) base oils which have been fortified with anti-wear, antioxidant, anti-foam, anti-corrosion, and extreme pressure additives. CIM Ultra Synthetic Industrial gear oil will reduce wear, reduce friction, act as a coolant, prevent corrosion, and reduce noise, vibration, and shock between gear teeth. CIM Ultra Synthetic Industrial Gear Oil 220 is an ultra-tough, Long Life IGO. Gears run smoother, quieter, cooler and longer without overhauls. Employing a dense, high molecular weight, synthetic cushioning additives prevents fatigue failure in gears subjected to sudden shock loads.

Applications

CIM Ultra Industrial Gear oils are suitable for use in the following applications:

- Spur gear cases
- Industrial hypoid gear cases
- Bevel gear cases
- Helical gear cases
- Industrial type reduction gearboxes
- Industrial type acceleration gearboxes
- Worm drive gearboxes

Specifications

AGMA 9005- F16	DIN 51 517 part 3	David Brown, S1.53.101 Table E
USS Steel 224	ISO 12925-1 CKC/CKD , ISO L-CTPR	GMLS 2 EP Gear Oil
Cincinnati Machine GearP-63 (ISO 68), P-76 (ISO 100), P-77 (ISO 150), P-74 (ISO 220), P-59 (ISO 320), P-35 (ISO 460), P-78 (ISO 1000)		
SEW-Euro drive	Flender	
GE OHV D50E35A/B/C/D/E	General Electric's (GE) gear oil specification D50E35	

Technical Data: CIM ULTRA IGO 220 PAO

AGMA Grade	AGMA 250.04
David Brown Grade	S1.53.101
Viscosity Index (cSt)	184
Kinematic Viscosity (cSt) @ 40°C (cSt) a 100°C	220 mm ² /s - 27 mm ² /s
Pour Point (COC)	-39°C
Flash Point (COC)	195.5°C
Fire Point (COC)	294
Rust Characteristics, Procedure B, ASTM D665	Pass
Density at 20°C	0.855 g/ml
FZG, Load Stage	12
Four-Ball Extreme Pressure Test, Weld Load, kgf, ASTM D2783	200
Four-Ball Extreme Pressure Test, Load Wear Index, kgf, ASTM D2783	48
Colour ASTM	7
Total Acid Number, mgKOH/g, ASTM D664	0.9

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