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TECHNICAL DATA SHEET

INDUSTRIAL GEAR OIL 150, 220, 320, 460, 680

PRODUCT DESCRIPTION

High performance mineral oils for enclosed industrial gears formulated with a sulphur-phosphorus additive package with excellent extreme-pressure and anti-wear properties.

PERFORMANCE STANDARDS

- U.S. steel 224
- DIN 51517 Part 3 ⇒ group CLP
- ISO 12925-1 CKD • AGMA 9005 - D94 EP
- AGMA 250.04.
- Cincinnati Milacron
- David Brown gear

APPLICATIONS

Spur, bevel, helical, bearing and couplings, worm and industrial Hypoid gear cases and industrial type reduction gearboxes.

TYPICAL PHYSICAL CHARACTERISTICS	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680
AGMA Grade	4EP	5EP	6EP	7EP	8EP
David Brown Grade	4E	5E	6E	7EP	8EP
Colour ASTM	4	>6	7	7	7
Channel point	-26	-18	-10	-8	-6
Density @ 20°C, KG/L	0.895	0.904	0.911	0.920	0,963
Flash point COC, °C	246	256	270	280	280



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INDUSTRIAL GEAR OIL 150, 220,320, 460,680

Fire point COC, °C	264	268	286	300	
FZG test	12.0	12.0	12.0	12	
Test SEQ 2 TEND/STAB	0/0	0/0	0/0	0/0	
Pour point	-24	-21	-15	-12	
Timken OK Load, KG	27	27	27	27	
Viscosity Kinematic					
Cst @ 40°C	150	220	320	460	
Cst a 100°C	14.1	18.1	21.7	28	
Viscosity Index	96	93	90	90	

PACKAGE SIZE	20 Litres	210 Litres
Industrial Gear Oils	✓	✓

