

INDUSTRIAL GEAR OILS

Modern industrial gearing design has moved to a more highly stressed loading environment with the need to transmit higher torques and forces through progressively smaller gear-case configurations.

The performance level now required of gear lubricants has led to the development of our **INDUSTRIAL GEAR OIL** extreme pressure range of lubricants.

The **INDUSTRIAL GEAR OIL** range incorporates the latest European additive technology to protect valuable gearing and rolling element components under boundary lubrication conditions which occurs at start-up and under severe shock loading.

In addition, the **INDUSTRIAL GEAR OIL** range of gear lubricants has high resistance to oxidation and excellent protection from the affects of

corrosive attack due to the presence of water and other environmental contaminants

ADVANTAGES

- Excellent low and high temperature performance.
- Prevents rust, corrosion and foaming.
- Reduces galling, scuffing and welding.
- Protects against shock loading.
- High load carrying capabilities

Meets to following;

AIST 224
AGMA 9005-E02
Cincinnati Milacron

DIN 51517 Part 3
David Brown DB S1.53.101

ISO Viscosity Classification	Method	68	100	150	220	320	460	680
Specific Gravity @ 15°C	ASTM D4502	0.87	0.875	0.88	0.89	0.90	0.91	0.912
Viscosity cts @ 40°C	ASTM D445	68	100	150	220	320	460	680
Viscosity cts @ 100°C	ASTM D445	8.7	11.5	15.1	18.8	24	30.5	39.3
Viscosity Index	ASTM D2270	100	102	100	95	95	95	95
Pour Point °C	ASTM D97	-20	-20	-15	-12	-12	-9	-6
Timken OK Load (kg) - Typical	ASTM D2782	32	32	32	32	32	32	28
4 Ball Weld Load (kg)	ASTM D2783	250	250	250	250	250	250	250
4 Ball Wear Scare Dia.	ASTM D4172	0.30	0.28	0.28	0.28	0.28	0.28	0.28
FZG Load Pass Stage	ISO 14635-1	12	12	12	12	12	12	12
Copper Strip Corrosion – 3 hours 100°C	AST, D130	1b	1b	1b	1b	1b	1b	1b
Rust Prevention, Salt Water	AST, D665	Pass	Pass	Pass	Pass	Pass	Pass	Pass
AGMA Lubricant No.		2EP	3EP	4EP	5EP	6EP	7EP	7EP

Package Sizes 1000 litre IBC 205 litre steel drum 20 litre plastic drum

The information contained herein is accurate at the time of this review. However specifications change from time to time. Ensure specifications meet equipment manufacture requirements.