

INGEAR OILS

HEAVY DUTY INDUSTRIAL GEAR OIL

CODE: ISO 68 4029, ISO 100 4030, ISO 150 4031, ISO 220 4032, ISO 320 4033, ISO 460 4034, ISO 680 4035

INGEAR lubricants are premium quality extreme pressure gear oils. Formulated with high quality base oils and anti-corrosion additives that prevent problems arising from the entry of water through air vents particularly in high humidity conditions. Anti-oxidant additives substantially control the effects of high thermal loading that is encountered in enclosed gear boxes.

Primary Market: Suitable for use in industrial, agricultural, transport, earthmoving, forestry, marine, mining, fishing, and off-highway automotive industries such as steel works, quarries, heavy plant machinery, dock side, off- shore and many more.

Recommended applications include:

- Mills
- Crushers
- Extruders
- Pumps
- Wind turbines
- Heavy duty industrial journals,
- Plain and anti-friction bearings, chain drives and slide guides
- Industrial enclosed gear drives lubricated by splash or circulation methods.
- Many other applications requiring a premium industrial gear oil.

Summary of Benefits

- ✓ Contains anti corrosion additives that prevent problems arising from the entry of water through air vents particularly in high humidity conditions.
- ✓ Anti-oxidant additives substantially control the effects of high thermal loading that is encountered in enclosed gearboxes.
- ✓ These gear oils demulsify quickly preventing the carry-over of water and the formation of emulsions, thus giving longer lubricant and gear component life.
- ✓ Outstanding gear protection against shock-loading.

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Specifications:

- ISO: 1295-1 CKC/CKD, US Steel 224, David Brown S1.53.101 (E), DIN 51517 (Part 3)

Product Size: 20L, 205L, 1000L

Typical Characteristics:

	ISO: 68	100	150	220	320	460	680
Specific Density at 15°C (kg/L)	0.87	0.89	0.91	0.91	0.925	0.92	0.922
Kinematic Viscosity at 40°C mm ² /s (cSt)	68	100	150	220	320	460	680
Kinematic Viscosity at 100°C mm ² /s (cSt)	9.1	11.4	15	19	25	30	40
Flash Point OCO (°C)	>220	>210	>215	>215	>215	>215	>285
Pour Point (°C)	-15	-15	-15	-15	-15	-12	-9
Copper Corrosion (3h@100°C)	1b	1b	1b	1b	1b	1b	1b
Foam Sequence I-Tendency/Stability (ml/ml)	N/A	10/0	10/0	10/0	10/0	10/0	10/0
FZG Scuffing Load Test A/8.3/90	N/A	>12	>12	>12	>12	>12	>12
Colour	Clear	Clear	Clear	Clear	Clear	Clear	Clear

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

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Storage: All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C. **Health, Safety and**

Environment A Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Materials Safety Data Sheet is available at Sterling Lubricants by email: info@sterlinglubricants.com.au.