



GULF WESTERN

THE TOUGH AUSTRALIAN

PRODUCT DATA

Industrial Gear Oil

Heavy Duty Industrial Gear Oil Meeting US Steel 224

Description

Gulf Western Industrial Gear Oil range is a range of lead free extreme pressure gear oils, suited to most industrial gear oil applications.

Gulf Western Industrial Gear Oil is available in ISO viscosity grades 68, 100, 150, 220, 320, 460, 680 and 800.

Summary of Benefits

- Gulf Western Industrial Gear Oil can be used for enclosed gears under severe service conditions, drive gearboxes on mills, crushers, extruders, pumps and in a wide range of industrial applications including mining and mobile plant, under severe applications.
- Excellent resistance to foaming and corrosion.
- Extreme pressure additives impart high load carrying capacity to the oil.
- Sulphur phosphorus additives provide superior wear protection in bulk oil temperatures up to 120°C.

Specifications

Industrial Gear Oil meets the following international performance specifications:

- ISO Viscosity 68, 100, 150, 220, 320, 460, 680, 800
- API GL4, General EP
- AGMA 250.04, 9005-d94
- DIN 51 517 part 3
- David Brown, S1.53.101(E) Table E
- USS 224

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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

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Phone: 02 9673 9600.

Typical Characteristics

Grade:	Industrial Gear Oil	68	100	150	220	320	460	680	800	
Product Code:		30098	60000	30066	30067	30068	30069	30077	30035	
	Test Method	Units								
Density @ 15°C	ASTM D1298	kg/L	0.8784	0.8716	0.8874	0.8904	0.8996	0.8950	0.8960	0.9000
Kinematic Viscosity										
@ 40°C	ASTM D445	cSt	68	100	150	220	320	460	680	800
@ 100°C	ASTM D445	cSt	8.9	11.3	14.7	18.9	25	31.00	35.4	39.5
Viscosity Index	ASTM D2270	-	>100	>100	>100	>100	>104	>106	>108	>108
Pour Point	ASTM D97	°C	-18	-15	-15	-12	-6	-6	-5	-5
Flash Point (COC)	ASTM D92	°C	>205	>205	>205	>205	>205	>205	>205	>205
Timken OK Load	IP 240	kg	28	28	28	28	30	32	34	34
FZG Gear Test (A16.6/110°C)	IP 334	Stage Failure	>12	>12	>12	>12	>12	>12	>12	>12
Colour	ASTM D1500	-	4.5	4.5	4.5	4.5	5.0	5.0	5.5	5.5

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



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Premium Quality Lubricating Oils (Aust.) Pty LTD

92 – 96 Links Rd, St Marys, NSW 2760 PO Box: 515 Kingswood, NSW 2747

Phone: 02 9673 9600 Fax: 02 9673 9696

Email: sales@gulfwestern.com.au

Web: www.gulfwestern.com.au

ACN 087 558 398