

# TECHNICAL DATA SHEET

# SYN-GEAR INDUSTRIAL



## DESCRIPTION

Gulf Western Synthetic Industrial Gear Oil is a range of lead free extreme pressure gear oils, suited to most industrial gear oil applications. This product greatly reduces wear and increases component life. Gulf Western Synthetic Industrial Gear Oil is available in ISO viscosity grades 32, 150, 220, 320 and 460. Additional grades are available upon request. This product is water clear reflecting its purity.

## SUMMARY OF BENEFITS

- 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
- Due to its PAO base, this product will offer far reaching benefits over mineral oil, such as:
- Naturally high viscosity index • Greatly reduced wear
- Increased film strength • Lower operating temperatures
- Sulphur phosphorus additives provide superior wear protection in bulk oil temperatures up to 150°C
- Compatible with bronze • Better friction properties
- Reduced oxidation • Better cold temperature performance • Increased service life

## SPECIFICATIONS

- ISO VISCOSITY 32, 150, 220, 320, 460
- AGMA 9005-E02
- DAVID BROWN, S1.53.101
- ISO 12925-1 CKC/CKD
- DIN 51 517 PART 3
- US STEEL 224
- GM LS 2 EP GEAR OIL
- CINCINNATI MACHINE GEAR

## SUITABLE FOR



SYN-GEAR INDUSTRIAL	TEST METHOD	UNITS	32	150	220	320	460
DENSITY @ 15°C	ASTM D1298	kg/L	0.854	0.853	0.864	0.871	0.873
KINEMATIC VISCOSITY							
@ 40°C	ASTM D445	cSt	32	150	220	320	460
@ 100°C	ASTM D445	cSt	6.3	17	23	31	45
VISCOSITY INDEX	ASTM D2270	-	>150	>150	>150	>150	>150
POUR POINT	ASTM D97	°C	-42	-35	-29	-23	-22
FLASH POINT (COC)	ASTM D92	°C	220	230	230	250	250

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

## STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

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

## AVAILABLE PACK SIZES

32: 205LT - #300051 150: 205LT - #30039 220: 205LT - #30089 320: 205LT - #30003 460: 205LT - #30031

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**GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD**

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747  
 Phone: 02 9673 9600 - Fax: 02 9623 6466 - Email: sales@gulfwestern.com.au - Web: www.gulfwestern.com.au