

SYN - GEAR INDUSTRIAL

HEAVY DUTY FULLY SYNTHETIC INDUSTRIAL GEAR OIL MEETING US STEEL 224

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 100, 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

Syn Gear Industrial meets the following international performance specifications:

- ISO Viscosity 100, 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

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.

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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 Oil on: 02 9673 9600.

TYPICAL CHARACTERISTICS

SYN GEAR INDUSTRIAL	Test Method	Units	100	150	220	320	460
Density @ 15°C	ASTM D1298	kg/L	0.850	0.853	0.864	0.871	0.873
Kinematic Viscosity							
@ 40°C	ASTM D445	cSt	100	150	220	320	460
@ 100°C	ASTM D445	cSt	14	17	23	31	45
Viscosity Index	ASTM D2270	-	>150	>150	>150	>150	>150
Pour Point	ASTM D97	°C	-36	-35	-29	-23	-22
Flash Point (COC)	ASTM D92	°C	230	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.

AVAILABLE PACK SIZES

100: 205lt - 30038

150: 205lt - 30039

220: 205lt - 30089

320: 205lt - 30003

460: 205lt - 30031