

GEARMAX EP 100

SYNTOL
LUBRICANTS

EXTREME PRESSURE INDUSTRIAL GEAR OIL

PREMIUM TECHNOLOGY

HIGH PERFORMANCE INDUSTRIAL GEAR OIL DEVELOPED FROM DECADES OF EXPERIENCE IN CONJUNCTION WITH ORIGINAL EQUIPMENT MANUFACTURERS.

THE USE OF OUR PROPRIETARY BASE OIL TECHNOLOGY, ALONG WITH INNOVATIVE ADDITIVE CHEMISTRY GUARANTEES LONG OIL LIFE WITHOUT ANY COMPROMISE OF EQUIPMENT RELIABILITY.

APPLICATIONS

DESIGNED FOR SEVERE DUTY ENCLOSED SPUR & HELICAL GEAR AND DRIVE APPLICATIONS FOUND IN AN INDUSTRIAL SETTING, WHERE PERFORMANCE SPECIFICATIONS AND VISCOSITY GRADE ARE APPROPRIATE. IT IS ALSO SUITABLE FOR LUBRICATION OF BEARINGS AND OTHER COMPONENTS IN CIRCULATING AND SPLASH LUBRICATED SYSTEMS.

ALWAYS REFER TO EQUIPMENT HANDBOOK / MANUAL / TECHNICAL DOCUMENTATION FOR RECOMMENDED OIL SPECIFICATION & VISCOSITY GRADE BEFORE USE.

NOT SUITABLE FOR USE IN HIGHLY LOADED WORM DRIVE APPLICATIONS WHERE POLY GLYCOL (PAG) LUBRICANTS ARE RECOMMENDED.

KEY FEATURES

- HIGH PERFORMANCE PREMIUM GEAR OIL TECHNOLOGY
- OUTSTANDING GEAR TOOTH WEAR PROTECTION
- COMPATIBLE WITH STEEL AND BRONZE GEAR METALURGY
- STAY IN VISCOSITY GRADE, POLYMER FREE FORMULATION
- HELPS PREVENT DEPOSIT BUILD UP AS A RESULT OF 'CLEAN GEAR' TECHNOLOGY
- EXCELLENT OXIDATION RESISTANCE PROVIDES LONG OIL LIFE
- SUITABLE FOR USE UP TO 100°C BULK OIL TEMPERATURE IN CERTAIN APPLICATIONS

PERFORMANCE SPECIFICATIONS & SYNTOL RECOMMENDATIONS

DIN	51517 PART 3, TYPE CLP
AGMA	EP 9005-E02; 252.4
ISO	12925-1 CKC-CKD

PHYSICAL & CHEMICAL CHARACTERISTICS

PROPERTY	METHOD	UoM	TYPICAL	LIMITS
VISCOSITY GRADE	ISO VG	-	100	-
RELATIVE DENSITY @ 15°C	ASTM D4052	g/cm3	0.886	-
KINEMATIC VISCOSITY @ 40°C	ASTM D445	mm2/s	100.0	90-110
KINEMATIC VISCOSITY @ 100°C	ASTM D445	mm2/s	11.20	-
VISCOSITY INDEX	ASTM D2270	-	98	95 MIN.
POUR POINT	ASTM D97	°C	-30	-9 MAX.
FLASH POINT (CoC)	ASTM D92	°C	236	232 MIN.
APPEARANCE	ASTM D4176-1	-	CLEAR & BRIGHT	-
COLOUR	VISUAL	-	AMBER	-

