



EXTRA GEAR LIFE **EP Gear Oil**

DESCRIPTION

EXTRA GEAR LIFE is formulated with a high quality of paraffinic base oils and an EP additive package containing a sulfur and phosphorous combination that provides extreme pressure properties to lubricants.

APPLICATION

EXTRA GEAR LIFE is recommended to use for all industrial enclosed gearing where AGMA extreme pressure lubricants is specified. It is also recommended for use in general industrial plant lubrication, where performance properties of this type of lubricant are required.

BENEFITS

- High thermal stability properties.
- Excellent oxidation stability prevents oil mist deposits.
- Reduces corrosion on either steel or nonferrous metals in gear sets.
- Prevents degradation under severe operating conditions.
- Excellent water separation properties.
- Provides high film strength in gear systems.

PERFORMANCE

AGMA	9005
U.S. Steel	224
Cincinnati Machine	P-63, P-76, P-77, P-74, P-59, P-35





PRODUCT DATA SHEET

EXTRA GEAR LIFE available ISO VG 68, 100, 150, 220, 320, 460 and 680

Specifications

Test Parameter	Units	Test Limits				Test Method
ISO Grade		68	100	150	220	DIN 51511
AGMA Grade		2EP	3EP	4EP	5EP	-
Appearance	-	C&B	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.88	0.885	0.887	0.89	ASTM D-4052
Viscosity @ 40°C	cSt	61.2-74.8	90-110	135-165	198-242	ASTM D-445
Viscosity @ 100°C	cSt	8.6	11.0	14.4	18.8	ASTM D-445
Viscosity Index, min.	-	100	100	95	95	ASTM D- 2270
Flash Point (COC), max.	°C	230	240	250	250	ASTM D-92
Pour Point, max.	°C	-18	-18	-15	-9	ASTM D-97
FZG Pass stage	-	12	12	12	12	ASTM D-97
CODE		506/1	506/2	506/3	506/4	-

Test Parameter	Units	Test Limits			Test Method
ISO Grade	-	320	460	680	DIN 51511
AGMA Grade	-	6EP	7EP	8EP	
Appearance	-	C&B	C&B	C&B	Visual
Density @ 15°C	g/cm ³	0.89	0.90	0.91	ASTM D-4052
Viscosity @ 40°C	cSt	288-352	414-506	612-748	ASTM D-445
Viscosity @ 100°C	cSt	23	30.4	37.5	ASTM D-445
Viscosity Index, max.	-	95	95	95	ASTM D- 2270
Flash Point (COC), max.	°C	260	260	260	ASTM D-92
Pour Point, max.	°C	-9	-6	-6	ASTM D-97
FZG Pass stage	-	12	12	12	ASTM D-97
CODE	-	506/5	506/6	506/7	

