

PRODUCT DATA SHEET

DAVID WEBER OIL CO.

601 Industrial Road · Carlstadt, NJ 07072 | 201.438.7333 phone | 201.438.3178 fax
www.weberoil.com

Gibraltar SynGear EP Series Gear Oils

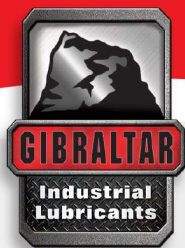
Extreme Pressure Gear Lubricants for Severe Duty

Gibraltar Syngear EP Series Gear Oils are synthetic extreme pressure (EP) industrial gear oils for use in enclosed spur, bevel, herringbone, helical, and chain drive gears as well as plain and roller element bearings. They are suited for applications that require an AGMA EP or AGMA S gear oil and are formulated to outperform petroleum EP gear oils.

Gibraltar Syngear EP Series Gear Oils provide excellent gear and bearing protection in extreme hot and cold temperature, heavily loaded environments, and under extreme loads and operating conditions.

Gibraltar Syngear EP Series Gear Oils offer the following benefits:

- Sulfurized phosphorus EP wear protection
- R&O and corrosion inhibited
- Shear stable
- Non-foaming
- Anti-scuffing
- Petroleum compatible
- Seal & paint friendly



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SPECIFICATIONS, APPROVALS & RECOMMENDATIONS

AGMA GL-4
AGMA 9005-D94
AGMA 9005-E02
DIN 51517 part 3
David Brown S1.53.101
U.S Steel 224

Cincinnati Milacron
ISO 100 P-76
ISO 150 P-77
ISO 220 P-74
ISO 320 P-59
ISO 460 P-35
ISO 460 P-78

TYPICAL PROPERTIES

ISO Viscosity Grade	100	150	220	320	460	680	1000
AGMA EP Gear	3 EP	4 EP	5 EP	6 EP	7 EP	8 EP	8A EP
AGMA Synthetic Gear	3S	4S	5S	6S	7S	8S	--
Viscosity, cSt @ 100°C	12.9	-	25.8	33.4	44.1	55.2	70.8
Viscosity, cSt @ 40°C	95.7	150	229	326	485	688	959
Viscosity Index	132	>130	144	145	144	141	122
Flash Point, COC, °C, min.	204	> 200	200	200	200	200	200
Pour Point °C, max.	-41	-39	-43	-44	-43	-37	-34
Four-Ball Wear Test	0.30	0.39	0.34	0.30	0.30	0.30	0.30
Copper Strip Corrosion Test	1	1	1	1	1	1	1
Four-Ball EP Weld Point, Kgf	200	315	315	315	315	315	400