

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 AGMA EP Gear Oils

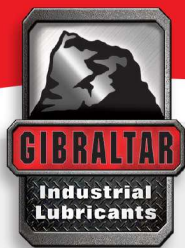
Extreme pressure EP gear lubes for demanding service

Gibraltar AGMA EP 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 AGMA 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 AGMA 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 9005
DIN 51517 parts 1- 3
David Brown S1.53.101
GM LS-2
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 |
| 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 | 315 |