



**Product Description:**

Emerald EP Gear Oils are high performance multipurpose gear oils designed for a wide variety of industrial applications where loads and shock loading are high. The EP additive is high quality sulfur-phosphorus package. These gear oils also contain anti-wear, antioxidant, corrosion inhibitor, and foam suppressant additives.

**Application:**

Recommended for industrial enclosed gear boxes wherever an AGMA extreme pressure lubricant is specified.

**Meets:**

- USS 224 & 227
- AGMA 9005 – E02
- Cincinnati Milacron

**Typical Properties:**

Test	68	100	150	220	320	460
AGMA No. EP	2	3	4	5	6	7
D-445 Viscosity, cSt, 40°C	68	100	150	220	320	460
D-445 Viscosity, cSt, 100°C	8.33	11.5	14.5	18.9	25.0	32.5
D-2270 Viscosity Index, Min.	95	95	95	95	95	95
D-287 API Gravity	28.8	28.0	27.8	26.2	25.9	26.0
D-92 Flash Pt., °C	435	445	450	450	460	475
D-97 Pour Pt., °C	-21	-21	-21	-15	-15	-9
D-2782 Timken, OK Load, lbs.	60	70	70	70	70	70
DIN 51354 FZG, Last Stage Load Passed	12	12	12	12	12	12
D-2783 Four Ball EP – LWI, kgf	50	50	50	50	50	50
Weld Point, kgf	300	300	300	300	300	300
D-892 Foam Test, Vol. Foam, ml.	nil/nil	nil/nil	nil/nil	nil/nil	nil/nil	nil/nil
Sequence I	Pass	Pass	Pass	Pass	Pass	Pass
Sequence II	Pass	Pass	Pass	Pass	Pass	Pass
Sequence III	Pass	Pass	Pass	Pass	Pass	Pass

\*\* The values shown here are typical, but may vary within modest ranges. \*\*

**Emerald Lubes**

**O'Rourke Petroleum Products & Solutions**

223 McCarty Drive, Houston, Texas 77029

Phone: 713.672.4500 Fax: 713.672.9425

[www.emeraldlubes.com](http://www.emeraldlubes.com)