



**Product Data**

## **Castrol EP Gear Lube**

Gear Oils

### **Description**

Castrol EP Gear Lubricants are exceptional quality gear oils that are designed for severe duty applications that offer excellent gear protection and the possibility of extended drain intervals with periodic checks by Castrol's Oil Analysis Program. Castrol EP Gear Lubricants are formulated with selected base oils that are coupled with an extremely stable sulfur/phosphorous additive package that make them the ideal choice where AGMA EP type gear oils are recommended.

### **Application**

Castrol EP Gear Lubricants provides longer equipment life, efficient gear operation, reduced maintenance costs, longer lubricant life, and excels in applications demanding superior U.S. Steel 224 performance.

Industry Specifications and OEM Approvals:-

- ANSI/AGMA Standard 9005-E02
- DIN 51517 Part 3
- U.S. Steel 224

### **Advantages**

Castrol EP Gear Lubricant delivers:

- Excellent thermal and oxidation stability providing minimal viscosity increase and a stable Sulfur/phosphorus package at high temperatures.
- Superior demulsibility separating water readily where water contamination is present.
- Good corrosion, rust and antifoam protection reducing catalytic effects of corrosion and wear on various system metals.
- Castrol EP Gear Lubricants provides longer equipment life, efficient gear operation, reduced maintenance costs, longer lubricant life, and excels in applications demanding superior U.S. Steel 224 performance.

## Typical Characteristics

Name	Method	Units	EP Gear 68	EP Gear 150	EP Gear 220	EP Gear 320	EP Gear 460
ISO Grade	-	-	68	150	220	320	460
Viscosity at 40°C	ASTM D445	mm²/s	68.0	150	220	320	460
Viscosity at 100°C	ASTM D445	mm²/s	8.7	15.3	19.4	25.3	31.3
Viscosity at 100°F	ASTM D2161	SUS	339.7	837.4	1214	1823	2570
Viscosity at 210°F	ASTM D2161	SUS	55.5	80.8	98.4	125.1	153.4
Viscosity Index	ASTM D2270	-	105	97	96	96	96
Flash Point	ASTM D92	°C	215	223	215	226	225
Pour Point	ASTM D97	°C	-27	-18	-19	-15	-15
Gravity	ASTM D287	API	28.5	26.5	26.2	25.1	24.5
Specific Gravity at 60°C	ASTM D1298	-	0.8844	0.8956	0.8973	0.9036	0.9071
Pounds per Gallon	ASTM D287	-	7.36	7.46	7.47	7.52	7.55
Timken OK Load	ASTM D2509	Lbs	75	75	75	75	75

\* Due to continual product research and development, the information contained herein is based on products purchased in the U.S. and subject to change without notification. Typical properties may vary slightly.

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