

PRODUCT DATA SHEET

CROWN GEARLUBE EP

Gearlube EP series is premium quality, heavy-duty industrial gear lubricants formulated for enclosed gear operating under severe service conditions. Gearlube EP Series are formulated from high-quality, high VI base oils selected for their oxidation stability and water-separating characteristics. Additives are incorporated which provide extreme pressure and anti-wear properties, rust and corrosion protection, increased oxidation stability, improved resistance to foaming and excellent high load performance characteristics.

BENEFITS

- Excellent load-carrying capacity.
- Outstanding anti-wear properties.
- Excellent oxidation stability.
- Rust and corrosion protection.
- Excellent lubricity & good anti foam properties.
- Minimizes friction, resulting in reduced bulk oil temperature.
- Effective demulsibility for rapid water separation.
- Resistance to micro-pitting.

PERFORMANCE LEVEL

Meets and Exceeds:

- DAVID BROWN Table E
- U.S STEEL 224
- DIN 51517 PART 3
- AGMA 9005-D94(EP)

APPLICATION

Gearlube Oil Series is recommended for industrial enclosed gear drives for both circulation and splash systems. It is particularly recommended for gear sets operating under heavy or shock load such as spur, helical and bevel gear drives.

PRODUCT CHARACTERISTIC

PROPERTIES	UNITS	VALUE							TEST METHOD
ISO GRADE	-	68	100	150	220	320	460	680	-
AGMA Lubricant Number		2EP	3EP	4EP	5EP	6EP	7EP	8EP	
Specific Gravity @ 15 °C	-	0.8856	0.8912	0.895	0.9001	0.903	0.905	0.9040	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	67.21	100.2	150.2	220.20	328.2	461.2	690.7	ASTM D-445
Viscosity @ 100 °C	mm ² /s	8.534	11.29	14.90	19.18	24.60	30.68	42.5	ASTM D-445
Viscosity Index	-	95	96	99	98	96	96	103	ASTM D-2270
Flash Point, COC	°C	238	250	254	258	260	264	270	ASTM D-92
Pour Point	°C	-15	-12	-12	-12	-9	-9	-9	ASTM D-97
Color	-	L 2.5	L 2.5	L 2.5	L 2.5	L 3.5	3.5	L 4.0	ASTM D-1500
Product Code	-	5320	5330	5340	5350	5360	5370	5380	-