

# TECHNICAL DATA SHEETS

## Chemoil Mudpump EP Gear Oil

Chemoil Mudpump EP Gear Oil is a custom product line of premium gear lubricants formulated to provide optimum performance and protection in nearly all types of enclosed gear sets. They are blended with selected grades of high-viscosity index and thermally stable paraffinic Group II base stocks and fortified with an advanced additive system designed to deliver ultimate protection against gear and bearing wear,

### MUDPUMP BENEFITS

- Outstanding wear protection to protect critical gear components
- Excellent resistance to rust and oxidation
- Maintains excellent water separating properties (demulsification), even at elevated operating temperatures

### PRODUCT FEATURES

- Formulated with premium paraffinic base stocks for added resistance to thermal breakdown
- Provides active anti-wear agents to protect critical gear components
- Special dispersants provide resistance to system rust and corrosion
- Extreme pressure additives provide long-lasting gear protection
- Chlorine-free formulation provides worry-free disposal
- Non-corrosive to copper, brass, or bronze bearing material

### APPLICATIONS

- Chemoil Mudpump EP Gear Oils meets or exceeds industrial gear oil applications including:
  - DIN 51517 Part 3
  - GM LS 2 EP Gear Oil
  - Clean Panel Coker
  - David Brown S1.53.101
  - ISO 12925-1 CJC/CKD
  - U.S. Steel 224
  - AGMA 905-D94
  - AGMA 9005-E02 (replaced AGMA 250.04)
  - ISO 68 AGMA 2EP-Cincinnati Milacron P-63
  - ISO 100 AGMA 3EP-Cincinnati Milacron P-76
  - ISO 150 AGMA 4EP-Cincinnati Milacron P-77
  - ISO 220 AGMA 5EP-Cincinnati Milacron P-74
  - ISO 320 AGMA 6EP-Cincinnati Milacron P-59
  - ISO 460 AGMA 7EP-Cincinnati Milacron P-35

## Chemoil Mudpump EP Gear Oil

*Minor variations in typical physical properties may occur from normal manufacturing processes*

ISO (ASTM) Grade	68	100	150	220	320	460
AGMA Number	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP
Pour Point °C (°F)	-15 (5)	-12 (10)	-11 (12)	-15 (5)	-12 (10)	-18 (0)
Flash Point °C (°F)	232 (449)	239 (463)	227 (441)	194 (381)	213 (416)	214 (418)
Viscosity Index	101	101	100	109	99	80
Viscosity cSt @ 40°C	69.2	101.0	152.2	223.0	301.1	427.0
Viscosity cSt @ 100°C	8.9	11.5	15.2	20.7	23.6	26.3
Gravity, API	29.9	29.8	28.7	28.6	28.0	25.6
Color ASTM	<2.5	<3.5	<4.0	<3.5	<4.0	<4.0
Timken, OK Load, Lbs	65	65	65	65	65	65