

Synthetic EP Industrial Gear Oils

Hartland Synthetic EP Industrial Gear Oils is a full synthetic oil engineered for enclosed industrial gearboxes operating under extreme pressures and/or temperatures and shock loads. Formulated with thermally stable extreme-pressure (EP) Additives.

Product Benefits

- Proven wear and micropitting protection
- Dampens shock-loads and delivers excellent wear protection for gears and bearings
- Exceeds a wide range of performance specifications for versatility and convenience
- Resists heat and deposits for superior gear and bearing cleanliness
- Low pour points provide reliable cold-temperature start-up efficiency and lubrication
- Excellent seal compatibility helps reduce leaks and extend seal life
- Filtered to a 14/11 level at the time of packaging (ISO68-ISO320)

Applications

- U.S. Steel 224
- AGMA 9005-E02
- DIN 51517 part 3
- David Brown S1.53.101
- Cincinnati Machine
- ISO 12925 (CKD)

TECHNICAL DATA

Hartland Synthetic EP Industrial Gear Oils	ISO 220
AGMA EP Gear	5 EP
ISO VG-ASTM D-2422	220
VK 100°C-ASTM D-445	26.8
VK 40°C-ASTM D445	222.1
Viscosity Index ASTM D-2270	155
Flash Point °C (°F) – ASTM D-92	238 (460)
Fire Point °C (°F) – ASTM D-92	280 (536)
Pour Point °C (°F) – ASTM D-97	-40 (40)
Copper Strip Corrosion Test ASTM D-130 121°C (250°F) 3 Hours	1B
Timken OK Load ASTM D-2782	>90
Four-Ball EP ASTM D-2783 Weld Point, kg Load Wear Index Kgf	250 55