



## HIGH PERFORMANCE

# EP GEAR LUBRICANT

ISO 150, 220, 320, 460, 680

**RIDGELINE™**

### PRODUCT DESCRIPTION

RIDGELINE™ EP Gear Lubricant is a mild EP gear lubricant designed to meet the lubrication needs of gear trains requiring the use of an extreme pressure lubricant. It is especially well-suited for use in severe service equipment such as rock crushers. RIDGELINE™ EP Gear Lubricant is formulated with quality base oils and carefully selected additives resulting in a product which will provide excellent anti-wear protection under heavy loads while also guarding against rust and corrosion, even when the system is idle.

### APPLICATIONS

Gearcases and speed reducers requiring EP gear lubricant.

- Hand oiled or drip-fed bearings
- Jaw crushers and vibrating screen gearboxes and bearings requiring EP gear lubrication
- Oil lubricated antifriction bearing subject to shock loads

### FEATURES AND BENEFITS

- Unique balance of extreme pressure additives extends equipment life through minimized gear wear
- Limits wear during equipment start-up and acceleration, as well as during extreme loading during low speed/high-torque service
- Specially formulated to control rust and corrosion of all types of metal surfaces
- Compatible with yellow metals such as brass, bronze and copper to resist excess wear
- Quality base oils and antioxidant additive produce a lubricant with excellent resistance high temperature degradation for longer lubricant life.



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**Parkland Corporation**  
 1800, 240 4 Ave SW, Calgary, AB T2P 4H4

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## TYPICAL PROPERTIES

- AGMA 250.04 and AGMA 9005 D94, EP – All Grades
- AIST (US Steel) 222 and 224 – All Grades API GL-3
- Bijur Equipment – All Grades
- Cincinnati Lamb – P-77 (ISO 150) ; P-74 (ISO 220); P-59 (ISO 320) ; P-35 (ISO 460)
- DIN 51354, Part 2 (FZG Test) and DIN 51517, Part 3 (CLP) – All Grades
- Omnicone and HP Crushers (ISO 150)
- Symons, Telsmith, Allis Chalmers and other gyratory and cone crushers as a circulating lubricant Symons and Nordberg Gyradisc Crushers

Property	Test Method ASTM-D	150	220	320	460	680
Viscosity @ 100°C, cSt	445	14.8	18.8	24.1	30.6	37.5
Viscosity @ 40°C, cSt	445	154	222	323	466	680
Viscosity Index	2270	95	95	95	95	90
Pour Point, °F (C°)	97	-13 (-25)	1 (-17)	1 (-17)	5 (-15)	14 (-10)
Flash Point, °F, (C°)	92	455 (235)	460 (238)	465 (241)	470 (243)	473 (245)
API Gravity	4052	29.6	28.9	26.1	22.6	23.4
FZG Test, Pass Stage	5182	12	12	12	12	12
Copper Ship Corrosion	130	1b	1b	1b	1b	1b
Rust Test	665	Pass	Pass	Pass	Pass	Pass
Timken OK Load, lbs	2509	65	65	65	65	65

The physical property values above are typical of normal production and may vary.

## DISCLAIMER

Always follow OEM recommendations for fluid viscosity.  
Parkland Corporation takes no responsibility for product misuse or misapplication.

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