

GEAR GUARD – FULL SYNTHETIC INDUSTRIAL LUBRICANT

Product Information

PM Lubrication's Gear Guard Range of full synthetic EP industrial gear lubricants meets the requirements of gear drives in a wide range of industrial equipment under severe service conditions. Development has involved advanced selective additive technologies with group IV/ester base fluids that protect demanding heavy and or shock loadings at elevated temperatures, where conventional lubricant chemistries produce shortened service intervals. The Gear Guard range produces outstanding EP performance and wear protection that results from a high film strength and inherent thermal stability while inhibiting corrosion and rust development because of its good demulsification and air release characteristics. PM123 Gear Guard offers advanced protection against the extremes in very high load, high torque applications in gear sets that are exposed to wide-ranging ambient operating temperatures that can exist with outdoor machinery.

Applications: * All types of gear systems involving mobile and stationary equipment. * Enclosed gear drives with spur, bevel, helical, and industrial hypoid gear configurations. * Plain & rolling element bearings. * Industrial type reduction gearboxes on mining equipment, cement mills, crushers, conveyors, winches and marine equipment. * Chain drives, sprockets, flexible couplings. * Bath, splash, circulation or spray systems.

Advantages: PM123 include: * Longer component life through reduced gear wear, which results from lower operating temperatures. * Increased oxidation resistance. * Increased service life from lower operating temperatures. * Increased seal and gear life. * Maintains clean componentry. * Excellent low and high temperature, high load performance. ** Extremely shear stable formulation. ** Reduced operating temperatures promote reductions in wear of bearings and gear surfaces. * Outstanding thermal and oxidative properties minimizes unscheduled maintenance. * Compatible with conventional EP oils and seals, thus eliminating problems associated with changing oil types. * Anti-foam properties.

PM Lubrication Low Wear and Friction Reduction Technology is incorporated into this Product

Typical Properties:

Property	220	320	460
Kinematic Viscosity			
Viscosity @ 40° C	219	318	448
Viscosity @ 100° C	27.2	36	46.9
Viscosity Index	159	160	163
Density @ 15° C	0.875	0.870	0.865

Benefits:

- Longer component life through reduced wear.
- Extended Service Life.
- Compatible with conventional EP oils.
- Suitable for a wide range of gear systems in
- Mobile and Stationary Equipment

Meets the requirements of

- AGMA 9005-D94
- David Brown Type E
- DIN 51517 Part 3
- US Steel 224

PM123 SYNCHRO-GEARLIFE LV
Do more with less

Why PM Lubrication?

- ★ Premium Quality
- ★ XPR Protection Reserve
- ★ Cost-Effective Lubrication
- ★ On-Site Monitoring will maximise equipment life
- ★ Knife Edge Filtration

220 Available in 200L, 20L, 5L, 4 x 5L; 320 Available in 200L, 20L; 460 Available in 20L, 5L

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