

Product Information

PM102 Diff-GearLife XHT 80W90 (Xtra High Temperature) is an extreme pressure (EP) gear oil that has been specially engineered to provide greatly improved performance and therefore protection in gear applications where there are growing concerns of gear manufacturers (OEMs), vehicle and fleet owners relative to the operation of conventional hypoid EP gear oils. Users will benefit greatly from the exceptional thermal stability of the oil derived from the base oil quality and additive treatment to maintain minimal sludge or gum deposits. Uniformly controlled viscosity throughout the operating temperature range to ensure the cooler running of the machinery resulting in an increase in the serviceable life of the lubricant and componentry.

PM102 Diff-GearLife XHT 80W90 is the logical choice for initial and service fill or even top-up of manual transmissions, differentials, final drives, transfer cases, and steering boxes in trucks coaches, pump drive applications in agricultural and industrial, and OEM equipment requiring this specification.

PM102 Diff-GearLife XHT 80W90 adhesive properties effectively quieten drive train GEAR RATTLE in low speed - high torque, high speed - low torque operations.

PM Lubrication Friction Reduction Technology is Engineered into this Gear Oil

Typical Properties

SAE Viscosity	80W90
Kinematic Viscosity	
Viscosity @ 40°C	227 cSt
Viscosity @ 100°C	18.4 cSt
Pour Point 0C	-33°C
Flash Point COC °C	226°C
Colour	Red
Thermal Oxidation Stability (CRC L60)	Pass
Density @ 15°C kg/L	0.906

Benefits

- Exceptional Wear Minimisation
- Reduces Friction
- Shear Stable
- Reduces Operating Temperature
- Prolonged Service Life
- Extraordinary Film Strength

Available in 200L, 20L, 5L, 4 x 5L Containers

Meets and or Exceeds Service Classifications

- API GL-5/6, MT-1
- MIL-L-2105D, MIL-PRF-2105E
- SAE J2360
- Clark
- Daimler Benz
- Eaton Fuller
- Ford
- GM
- Mack GO-J, GO-H
- Volvo

PM102 Diff-GearLife XHT 80W90

Long Life Gear Lubricant

Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is GUARANTEED to save 15% of your Total Operating Costs

Issued 6/02/2026



AUSTRALIAN OWNED

PM Lubrication
4/105 Archibald St, Paget
Queensland 4740 Australia

Tel: 07 4998 5851 Mob: 0419 771 825

www.pmlubrication.com.au hello@pmlubrication.com.au

