

Technical Data

TOTAL SERVICE SERIES

PX GEAR OIL

Product Description

PX Gear Oils are a multi-purpose gear lubricant manufactured from selected, highly refined base oil and blended with field-proven additives. This combination creates a product with excellent chemical and thermal stability over a wide range of temperature. PX Gear Oils are designed to provide top-tier performance under extremely high pressure (EP Condition) by utilizing the core Sulfur-Phosphorus EP Technology. This advanced Chemistry allows PX Gear Oil to be able to withstand the super high load between the teeth of those hypoid gear sets commonly found in modern vehicles' transmission system. PX Gear Oils provide excellent thermal stability and corrosion resistance as well. It is blended with antifoam to suppress excess forming. The superior sulfur / phosphorus additives also are fully compatible with seals and gaskets.

Applications/ Benefits

- Maximum protection when subjected to severe shock loads.
- Exceptional oxidation stability during high ambient temperatures.
- Outstanding corrosion protection and anti-foam additives to protect gearbox and differential components.

Typical Characteristics

| Test Description | Method | Result | Result | Result |
|---------------------------|-------------|--------|--------|---------|
| SAE Viscosity Grade | SAE J300 | 75W-90 | 80W-90 | 85W-140 |
| Specific Gravity @ 15 0 C | ASTM D-4052 | 0.881 | 0.8924 | 0.9043 |
| Flash Point, deg. C | ASTM D-92 | >190 | 257 | 278 |
| Pour Point, deg. C | ASTM D-5950 | -33 | -18 | -12 |
| Kinematics Viscosity | | | | |
| @ 40C (cSt) | ASTM D-445 | 105 | 152.8 | 319.2 |
| @ 100 0 C (cSt) | ASTM D-445 | 14.5 | 15.33 | 25.56 |
| Viscosity Index | ASTM D-2270 | 140 | 101 | 104 |

Specifications

- API: GL-5, (GL-5/ LS, 80W-90, 85W-140)
- ARVIN MERITOR: 0-76-E, 0-76-N (80W-90, 85W-140)
- MAN: 342 M-2 (80W-90, 85W-140)
- MACK: GO-J (80W-90, 85W-140)
- ZF: TE-ML C/ D- 05A/ 07A/ 16B/ 17B/ 19B/ 21A

The information contained in this Product Data Sheet is accurate at the time of printing and is subject to change without prior notice.



PHOENIX LUBRICANTS
2 Paul Court Dandenong Victoria 3175
Tel. +61 3 9791 7661

www.phoenixlubricants.com.au
Email: info@phoenixlubricants.com.au