

## ChevronTexaco StarFak® PM

Category : Fluid , Lubricant , Lithium Gellant

### Material Notes:

Texaco Starfak PM delivers value through: Continuous high temperature stability Low temperature pumpability Low temperature lubrication Excellent oxidation, corrosion and wear protection Excellent water resistance Extended relubrication intervals Texaco Starfak PM is a multipurpose, high performance grease specially formulated for extreme pressure bearing applications operating under the most extreme high and low temperature conditions and for those difficult applications requiring extended lubrication intervals. It is manufactured using selected highly refined high viscosity synthetic base oils, a lithium complex thickener, rust and oxidation inhibitors, and extreme pressure and tackiness additives. The high viscosity index of the synthetic base oils allow for greater pumpability at subzero (-29°C/-20°F) temperatures, allowing bearings lubricated with Texaco Starfak PM to operate at temperatures as low as -51°C (60°F). Texaco Starfak PM grease is recommended for use in applications with temperatures up to 232°C (450°F), with a dropping point of approximately 288°C (550°F). Texaco Starfak PM is ideal for a wide variety of applications across several industries, including: Paper and Forest Products – This grease is suitable for severe service applications such as: sludge press bearings, lime kilns, pumps, woodyard heavy equipment, Doctor oscillator bearings, felt roll bearings, pulp refiner bearings, rope sheaves, and exhaust fan bearings. It is particularly well-suited for the highest temperature applications, such as felt roll bearings and lime kilns operating at temperatures in excess of 204°C (400°F). Mining – Texaco Starfak PM is recommended for: Mining operations that involve extreme pressure applications requiring excellent low temperature pumpability. Applications include: pins and bushings on buckets and loaders, shaker screens, crushers, and conveyors. The lowest temperature mining applications. Automatic lubricating systems in onboard shovels, trucks, and other mobile equipment. Off-Road Construction – This grease is ideally suited for lubrication systems that involve pumping grease through long supply lines at low temperatures. It also displays superior water washout resistance properties in wet, off-road environments. Steel – Steel mill applications often involve extremely high temperatures. The excellent structural stability of Texaco Starfak PM makes it appropriate in these situations. Its extreme pressure properties and superior resistance to water washout are also key in the steel mill environment. This grease provides outstanding protection for steel mill roll bearings, conveyors, furnace and coiler grease points, pump bearings, and exhaust fan bearings. Marine – The rust and corrosion inhibition properties of Texaco Starfak PM makes it ideal for use in marine equipment exposed to severe corrosion environments. Examples include deck equipment, offshore drilling equipment, grease lubricated shaft bearings, cranes, and windlass winches. Texaco Starfak PM is approved for the NLGI certification mark LB. Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing. Notes: Minimum operating temperature is the lowest temperature at which a grease, already in place, could be expected to provide lubrication. Most greases cannot be pumped at these minimum temperatures. Maximum operating temperature is the highest temperature at which the grease could be used with frequent (daily) relubrication. Determined on mineral oil extracted by vacuum filtration. CPS Number: 222657; MSDS Number: 8841

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ChevronTexaco-StarFak-PM.php](http://www.lookpolymers.com/polymer_ChevronTexaco-StarFak-PM.php)

Physical Properties	Metric	English	Comments
Viscosity Measurement	148	148	Viscosity Index, See Note 3.
Saybolt Viscosity at 100°F	1791 SUS	1791 SUS	See Note 3.
Saybolt Viscosity at 210°F	172 SUS	172 SUS	See Note 3.

Kinematic Viscosity at 40°C (104°F) Physical Properties	344 cSt Metric	344 cSt English	See Note 3. Comments
Kinematic Viscosity at 100°C (212°F)	35.5 cSt	35.5 cSt	See Note 3.

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Load Wear Index	79	79	
Four Ball Extreme Pressure, Weld Load	500 kg	1100 lb (mass)	
Four Ball Wear	0.260 mm	0.0102 in	Scar Diameter
Penetration P(0), 1/10 mm	295	295	Unworked, 25°C (77°F)
Penetration P(60), 1/10 mm	315	315	Unknown Amount of Work, 25°C (77°F)
Timken Test	22700 g	50.0 lb	OK Load

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	235 °C	455 °F	See Note 2.
Minimum Service Temperature, Air	-51.0 °C	-59.8 °F	See Note 1.
Flash Point	280 °C	536 °F	See Note 3.
Dropping Point	312 °C	594 °F	

Descriptive Properties	Value	Comments
Bearing Water Washout, wt%	5	Loss at 175°F
Color	Light Tan	
Corrosion, Copper Strip	1B	
Texture	Smooth, Buttery	
Thickener, %	13	Lithium Complex

## Contact Songhan Plastic Technology Co.,Ltd.

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