ChevronTexaco Delo® Synthetic Grease SF

Category : Fluid , Lubricant , Urea Gellant

Material Notes:

FeaturesChevron Delo Synthetic Grease SF is a high performance grease specifically engineered for trailer wheel-ends operating in all conditions, even under the most extreme high and low temperatures, and for those demanding applications requiring extended lubrication intervals.It is manufactured using polyalphaolefin (PAO) synthetic base oil, a polyurea thickener, rust and oxidation inhibitors, extreme pressure additives, and a special combination of friction reducing agents. It is gold in color with a smooth, semifluid texture. Chevron Delo Synthetic Grease SF is formulated to perform in unusually demanding conditions of high and low temperatures. The polyurea thickener in Chevron Delo Synthetic Grease SF elevates the dropping point to 250°C (482°F). This high dropping point equates to excellent high temperature stability up to 190°C (375°F). In addition, the high viscosity index (VI) of the PAO synthetic base oil allows for excellent flow properties at low temperatures - allowing Chevron Delo Synthetic Grease SF to operate at temperatures as low as -45°C (-50°F).ApplicationsTrailer lubrication — Chevron Delo Synthetic Grease SF is recommended for use in trailer axles. It flows smoothly and evenly at temperatures as low as -46°C (-50°F) and continues to lubricate efficiently at temperatures up to 191°C (375°F). It provides many advantages in trailer axle lubrication, compared to mineral oil-based grease, such asExcellent low temperature properties (i.e. lower starting torque).Oxidation resistance at high temperatures.Low incidence of seal leakage through use of a grease as compared with the conventional SAE 80W- 90 gear oil.Excellent antiwear/low friction performance throughout the operating temperature range.Industrial lubrication — Chevron Delo Synthetic Grease SF lubricates yearlong under the most severe operating conditions. Along with wide temperature range performance, Chevron Delo Synthetic Grease SF provides excellent industrial equipment lubrication with a special blend of additives, including organo-moly, to resist oxidation, protect against rust, enhance antiwear properties and ensure long lubricating life under conditions of extreme pressure and temperature. Field tests showed Chevron Delo Synthetic Grease SF to be particularly effective in industrial gear lubrication.

Order this product through the following link:
http://www.lookpolymers.com/polymer_ChevronTexaco-Delo-Synthetic-Grease-SF.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	150	150	Viscosity Inex of base oil; ASTM D2270
Saybolt Viscosity at 100°F	637 SUS	637 SUS	
Saybolt Viscosity at 210°F	88 SUS	88 SUS	
Kinematic Viscosity at 40°C (104°F)	124 cSt	124 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	17 cSt	17 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	200 kg	441 lb (mass)	Weld Point
Four Ball Wear	0.340 mm	0.0134 in	
Penetration	380	380	Worked

Mechanical Properties	Metric	English	Comments
Timken Test	20400 g	45.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	190 °C	374 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	
Dropping Point	230 °C	446 °F	

Descriptive Properties	Value	Comments
Bearing Rust	Pass	
Color	Gold	
Low Temperature Running Torque, -40°F, Nm	0.9	
Low Temperature Starting Torque, -40°F, Nm	1.4	
Texture	Smooth, Semifluid	
Thickener, % / type	9 / Polyurea	
U.S. Steel Pumpability, -40°F, g/min at 150 psi	13.3	
U.S. Steel Pumpability, -40°F, g/min at 50 psi	0.4	
	7.7	

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