

ChevronTexaco FM NLGI 1 Grease EP

Category : Fluid , Lubricant , Urea Gellant

Material Notes:

FeaturesChevron FM Greases EP are high performance, multipurpose food machinery greases that are white in color, odorless, tasteless, and water-resistant. Available in three grades, Chevron FM Greases EP were developed for the food processing and canning industries. Chevron FM Greases EP are a blend of a synthetic polyurea complex thickener and food grade white oils (Group II) containing a highly effective rust inhibitor. They are smooth and buttery in texture, and are slightly tacky. All grades contain a specially blended higher viscosity white mineral oil that imparts improved adhesive and stringiness properties to the grease. **Applications**Chevron FM Greases EP are multipurpose lubricants for all grease lubricated machinery in canneries, beverage bottlers and canners, potato/corn chip processors, candy manufacturers, meat and poultry packers, frozen food processors, and other food producers and processors. They are specifically recommended for critical applications where there is a possibility of the lubricant becoming an incidental or accidental food ingredient. NLGI 1 and 2 are preferred for general plant lubrication including applications such as electric motors and wheeled vehicles where USDA H2 lubricants are often used.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ChevronTexaco-FM-NLGI-1-Grease-EP.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	109	109	Viscosity Index; ASTM D2270
	220	220	ISO viscosity grade
Saybolt Viscosity at 100°F	1060 SUS	1060 SUS	
Saybolt Viscosity at 210°F	98 SUS	98 SUS	
Kinematic Viscosity at 40°C (104°F)	202 cSt	202 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	19.4 cSt	19.4 cSt	ASTM D445

Mechanical Properties	Metric	English	Comments
Four Ball Extreme Pressure, Weld Load	315 kg	695 lb (mass)	
Four Ball Wear	0.440 mm	0.0173 in	
Penetration	325	325	worked
Penetration P(0), 1/10 mm	321	321	
Timken Test	11300 g	25.0 lb	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	160 °C	320 °F	

Minimum Service Temperature, Air Thermal Properties	-40.0 °C Metric	-40.0 °F English	Comments
Pour Point	-13.0 °C	8.60 °F	ASTM D97
Flash Point	200 °C	392 °F	ASTM D92
Dropping Point	266 °C	511 °F	

Descriptive Properties	Value	Comments
Color	white	
Lincoln Ventmeter, psig at 30 s, at 0°F	0	
Lincoln Ventmeter, psig at 30 s, at -22°F	too stiff at this temperature to pump through device	
Lincoln Ventmeter, psig at 30 s, at 30°F	0	
Lincoln Ventmeter, psig at 30 s, at 75°F	0	
Texture	smooth, buttery	
Thickener, % / type	16.8 / Polyurea Complex	

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