TEC-GUARD®

3% MOLY HIGH TEMP EP GREASE

Description	Method	Result
Thickener		Lithium Complex
Color		Black
Molybdenum %		3
Worked Penetration, 60	ASTM D217	265-295
Worked Penetration, 10K	ASTM D217	±10
Worked Penetration, 100K	ASTM D217	±15
Droppint Point,(°F)	ASTM D2265	+500°
Base Oil Viscosity		
ISO Viscosity Grade @ 40°C cSt		320
Viscosity Index		120
Oxidation Stability, psi 100 hrs.	ASTM D942	3
Rust Preventive Properties	ASTM D1743	PASS
Water by Distillation	ASTM D95	
Salt Spray Corrosion, 5% Salt Fog 1000 hrs.	ASTM B117	
Modified 5 mil thickness		
Soak Test, 720 hrs @ 100F	ASTM B117	
Modified 5 mil thickness		
Tensile Strength, % Change Material HDPE	ASTM D638	
Durometer Hardness, Type , % Change	ASTM D4289_CR	-12
Seal Swell, % Change	ASTM D4289_CR	27.43
Durometer Hardness, Type , % Change	ASTM D4289_NBR	-8
Seal Swell, % Change	ASTM D4289_NBR	15.74
Water Soluble Ions		
Chlorides, ppm	ASTM D512	
Nitrates, ppm	ASTM D3867	
Sulfides, ppm	APHA 4500	
Oil Separation (%)	FTM 321/	
@ 160°F, 30 hrs.	ASTM D6184	
@ 210°F, 50 hrs.		2.07
@210°F, 24 hrs.		

Note: Tec-Guard makes no warranty or representation either expressed or implied, including warranty of merchantability or fitness concerning this product except that it conforms to the chemical description on the label. All risks resulting from the use of this product are to be borne by the buyer at its sole expense. Neither Tec-Guard nor the seller shall be responsible in any manner for any personal injury or property damage, or other type of loss resulting from the handling, storage, or use of this product

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Description	Method	Result
H20 Spray-off, %	ASTM D4049	12.3
H20 Wash-Out, %	ASTM D1264	1
4-ball EP OK load, kG	ASTM D2596	500
4-ball EP Load Wear Index	ASTM D2596	64
4-ball Wear, scar diameter, mm	ASTM D2266	0.51
Timken Test, lbs	ASTM D2509	70
Wheel Bearing Life, hours	ASTM D3527	180
Fretting Wear, mg	ASTM D4170	7.7
Leakage Tendencies, g	ASTM D4290	1.61
Low Temperature Torque,	ASTM D4693	
Copper Corrosion	ASTM D4048	1B

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