

Data Sheet: Hi-Temp Red Grease

Product Application:

Golden West Hi-Temp Red Grease is a NLGI 2 grade premium quality extreme pressure lithium complex multi-purpose grease. This product has outstanding high temperature characteristics. Dropping point of this product exceeds 500°F.

Recommended for fleets and heavy-duty applications, including wheel bearings (disc and drum brakes). - NLGI Service classification-GC-LB.



Available:



400 lb. Drum



120lb. Keg



5/1



14oz. Tube

Characteristics of Base Oil	
Viscosity cSt@100°C	15.74
Viscosity cSt@40°C	214.0
Viscosity Index	67
Pour Point, °F (°C)	+5 (-15) Max
Flash Point, °F	425 (218) Min
Timken	45

Typical Analysis	
NLGI Consistency Number	2
Thickener	Lithium Complex
Texture	Smooth, Adhesive
Color Observed	Red
Worked 60 Penetration, D-217	265-295
Dropping Point, D-2265°F (°C)	500 (260)
Wheel Bearing Leakage, D-4290, g Loss	1.4
Water Washout, D-1264, % loss	4.1@175°F
Rust Prevention, D-1743, rating	Pass
Copper Corrosion, D-4048, rating	Pass
Oxidation Stability, D-942, psi drop	10 max@100 hrs
Oil Separation, D-1742, % loss	1.2
Four-Ball War, D-2266, mm	0.54
Four-Ball EP Weld Point, D-2596, kgf	315
Four-Ball Load Wear Index, D-2596, kgf	50
High Temp Life, D-3527, hrs	100
Low Temp Torque, D-4693, N-m	13.0
Fretting Wear, D-4170, mg	7.8
Elastomer Compatibility, D-4289:	
CR Volume Change @ 100°C, %	24
CR Hardness Change @100°C, pts	-9
NRB-L Volume Change @ 150°C, pts	27
NRB-L Hardness Change @ 150°C, pts	-10
Approximate Temperature Range, °F (°C)	-10 to 325 (-23 to 163)

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