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New Technology Resources

Special Lubricants Oil & Grease

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Certification Of Analysis

Customer INDIVIDUAL ENTREPRENUER **Date** 23-Aug-22
Product EAGLE SOLAR Grease EP-2 Blue **Lot. No.** 22081713

Test Item		Test Method	Spec.	Results
Appearance		Visual	Brown	Blue
Thickener		-	Li Soap	Li Soap
Worked Penetration	25°C, 60 W	ASTM D 217	265 ~ 295	290
Dropping Point, °C		ASTM D 566	Min. 185	202
Copper Corrosion	100°C, 24hr	ASTM D 4048	No Color Change	No Color Change
Evaporation Loss, %	99°C, 22hr	ASTM D 972	Max. 1.5	0.6
	130°C, 22hr		Max. 5.0	2.2
Oil Separation, %	100°C, 24hr	ASTM D 6184	Max. 5.0	2.6
	130°C, 24hr		Max. 8.0	5.8
Oxidation Stability, MPa	99°C, 100hr	ASTM D 942	Max. 0.049	0.029
Work Stability	100,000 W	ASTM D 217	Max. 375	310
Deleterious Particles, ea/cm ³	10μm or larger	ASTM D 1404	Max. 5,000	2,500
	25μm or larger		Max. 3,000	1,200
	75μm or larger		Max. 500	100
	125μm or larger		0	0
Water Washout, wt%	38°C, 1hr	ASTM D 1264	Max. 10	3.4
Humidity	14 Day	ASTM D 1748	A	(A)

Research & Development Center

Manager J. H. Lee

