

Low Temperature General Purpose Grease

MK-GEN-LT

Range: - 50°C to 120°C

This grease can provide excellent lubricity in high vibration and high moisture environment. The grease as very low solidifying point @ below -50°C, therefore it can provide excellent lubricity in winter and other low temperature environment.

Grease can be used for lubricating:

- Bearings & Roller Bearings
- Gear
- Chain
- Electric Generator/Genset
- Water Pump
- Conveyor
- Other mechanically driven parts in low temperature environment

Range: -50°C to 120°C	Standard	Typical Data	Test Method
Cone penetration, 1/10mm	265-295	288	ASTM D217
Dropping Point °C >	180	213	ASTM D2265
Oil Separation (100°C, 30h) % ≤	8	4.95	ASTM D1742-94
Similar viscosity (-45°C, D=10S ⁻¹), PaS ≤	2000	1100	SH/T0048
NaOH% Free Alkali NaOH % ≤	0.15	.1	ASTM 6707-76
Corrosion (T ₂ Sheet copper, 100°C, 24h)	No change	No Change	ASTM D 972-86
Vapour Quality (99°C, 22h) % ≤	2.0	1.27	ASTM D972-86
Ash Content (104°C, 6h), g ≤	5.0	1.22	SH/T0326
Drip wastage (79°C, 1h) ≤	10	6.95	ASTM D1264
10 ⁵ Elongation cone penetration 1/10mm ≤	20	14.5	ASTM D217
Oxidizing stability (99°C, 100h, 0.77 MPa) loss of pressure, MPa ≤	0.070	0.030	SH/T0325
Antisepsis performance (52°C, 4h) Grade ≤	1	1	ASTM D 174
Extreme pressure performance four-ball test (PB) (N) ≥	588	744	ASTM D 2596-87
Microscopic impurity / cm ³			
10µm up ≤	5000	1270	SH/T0336
25µm up ≤	3000	845	
75µm up ≤	500	127	
125µm up ≤	0	0	

Available from 4 Lube Limited in 400gram cartridges and 18kg Buckets:

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