

Tianjin Maiguan Energy Co., Ltd

Certificate of Analysis

Product Name: Lithium Complex Grease

NLGI Grade: 3

Product Batch: 20241013

Production Date: 20241013

Issue Date: 2024/10/17

Submission Date: 20241015

Standard: Q/PXT 003-2014

Testing Date: 20241015

Item	Unit	Standard	Testing Result	Testing method
Appearance	/	Smooth blue	Smooth blue	Visual
Worked Penetration (25°C)	0.1mm	220-250	248	GB/T 269
Dropping point	°C	≥290	295	GB/T 3498
Steel mesh oil Separation	%	≤5	0.9	SH/T 0324
Copper sheet Corrosion (100°C, 24h)	/	no green or black change	None	GB/T 7326乙
Evaporation (99°C, 22h)	%	≤2	0.9	GB/T 7325
Penetration after 100,000 times strike	0.1mm	≤340	270	GB/T 269
Water washout (38°C, 1h)	%	≤10	1	SH/T 0109
Similar Viscosity (-10°C, 10S ⁻¹)	Pa.s	/	557	SH/T 0048
Carrying capacity (Four ball) PB	N	/	980	GB/T 3142
Welding load (Four ball) PD	N	/	3087	GB/T 3142
Oxidation stability (99°C100h, 0.760MPa) Pressure drop	MPa	≤0.070	0.048	SH/T 0325
Anti corrosion (52°C,48h)	/	Pass	Pass	GB/T 5018

Result Pass

Tester: Sujing, Yucui

Reviewer: Zhang Manliang

