The oily lithium battery conductive slurry based on highly conductive thin graphene layers

1. Name and code:

Code： GRF-HCG-01

Specification：1 kg 2 kg 10 kg 25 kg

Package：Plastic barrel or aluminium pot

Appearance: Black slury

2. Application fields：

This product is thin graphene layers-based oily battery slurry with high electrical conductivity. By contrast with the similar products, this product with technical advantages is metal ion free and can be applied in battery slurry as conductive agent to improve the high rate charge-discharge capacity.

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- Lithium ion such as LFP, LCO, LMO, and MnNiCo ternary batteries—as high conductive components in battery slurry.
- Supercapacitor —conductive reagents of the supercapacitor electrodes.
- Lead acid cell, solar cell and semiconductor industry.
- Other conductive industry.

3. Product Parameter:

Composition	Content	Unit
Thin graphene nanoplatelets	5	wt%
Dispersant	0.5	wt%
Assistant reagent	0.5	wt%
N-Methylpyrrolidone (NMP)	94	wt%
Viscosity	300-1000	mPas
Iron (Fe)	<25	ppm
Nickel (Ni)	<5	ppm

4. Direction for use:

This product should store in dry, shady and cool condition. Keep away off high temperature or hot source and avoid exposing in sunlight directly. The shelf lives of the product are 6 month and 3 days in sealing and uncap state, respectively. The product needs stir uniformly before use.