

## TECHNICAL SPECIFICATION

# ALPHA TEC High Temperature Grease EP2

### Description And Specifications :

#### GRADE NLGI2

A complex synthetic grease with superior performance in extreme heat and contact with salt water, acids, and various chemicals, making it the ideal choice for special industrial applications.

Thickened with an inorganic thickener for stability.

Extreme pressure additives ensure durability under pressure.

Resistant to high and low temperatures for multiple uses.

Excellent resistance to fresh water, salt water, rust, and oxidation.

Begins to drip at temperatures above 450 degrees.

Operating temperature range: 30 to +600 degrees Celsius.



### Recommendations :

This product is primarily recommended for lubricating bearings and friction parts of high-temperature and heavy-duty equipment such as vessels and ships operating in high humidity and acidic environments, and primarily in contact with saline seawater. It is also recommended for use in the cement, ceramics, glass, textiles, and metals industries. For example, bearings in kilns, bearings and chains in baking equipment and ovens, wheels in baking machines, in the production of dry operating equipment, wheels, as well as in dry hydraulic machines.

### Technical Data Sheet :

Item	Quality Index	Testing Method
Appearance	Black smooth uniform ointment	SH/T0109
Working penetration,0.1mm	275	GB/T269
Drop point	None	GB/T3498
Corrosion	Copper no green or black changing	GB/T4929
Steel wire mesh oil separation	1	SH/T0324
Corrosion resistance(52°C,48h)	Qualified	QB/T5018

The physical property values above are typical of normal production and may vary.

**AT ALPHA ENERGY PETROLEUM INDUSTRIES, WE FOCUS ON CREATING ADVANCED  
 LUBRICANTS AND LUBRICANT COMPOUNDS THAT ENHANCE MACHINE EFFICIENCY  
 AND EXTEND SERVICE LIFE.**

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