

# opstech®





**Opstech<sup>®</sup>**

**OPSTECH**

GREASES FOR  
FOR OVERHEAD  
LINE CONDUCTORS



# One Chinese Manufacturer

OPSTECH, a Chinese manufacturer of specialist industrial greases and oils, was established in 1978. It has received various honors such as "Henan Provincial Specialized and Innovative Enterprise", "Henan Provincial Green Lubricant Engineering Technology Research Center" and "Henan Provincial Gazelle Enterprise". With over 50 sets of greases R & D equipment, 10 automatic blending systems and 6 automatic grease production systems, OPSTECH can produce 20,000 tons of protective greases and lubricant oils annually.

As a core drafting unit for the national standard on greases for overhead conductors (corrosion protection greases) in China, OPSTECH participated in drafting the national standard GB/T 36292 - 2018. The standard was issued on June 7, 2018, and implemented in China on January 1, 2019.

OPSTECH's business focuses on industrial greases and oils production. The core product line is protective greases for overhead conductors. 70% of this product is exported to over 40 countries globally, and the other 30% is supplied to cable manufacturers in China.





# High-performance Protective Greases for Overhead Conductors

## Introduction

OPSTECH Overhead conductor protective grease is prepared by thickening fatty acid soaps and incorporating anti-corrosion, anti-rust, and anti-oxidation additives through specialized processes. It boasts exceptional anti-corrosion performance and colloidal stability.

It is suitable for anti-corrosion, lubrication and protection of bare metal conductors and overhead transmission lines in outdoor environments, especially for long-lasting anti-corrosion and lubrication protection that has strict requirements for the colloidal stability of the grease.

## Features and Benefits

- » Minimizes oil bleed during normal operation and post - fault conditions of transmission lines.
- » Provides superior corrosion protection for conductors in diverse environments, including coastal high - salt zones, heavy industrial pollution areas, and high - humidity and heat regions.
- » Tailored formulations cover full temperature range from ambient to 240° C for transmission line operations.
- » High - temperature specialized synthetic grease resists oil separation and stays stable under extreme heat.
- » It has exceptional low - temperature stability, preventing cracking down to - 60° C.
- » With outstanding oxidation resistance and anti - aging properties, it extends service life.
- » Complies with GB/T 36292 - 2018, BS EN 50326 - 2002, and IEC 61394 - 2011 standards.

## Technical Data

Items	OPS20A120	OPS40A120	OPS20A180	OPS40A180	OPS60A180	OPS40A240
Description	20A120	40A120	20A180	40A180	60A180	40A240
Max. Temp. Rating	120° C	120° C	180° C	180° C	180° C	240° C
Min. Temp. Rating	20° C	40° C	20° C	40° C	60° C	40° C
Drop Point	>280° C	>280° C	>300° C	>300° C	>300° C	>330° C
Application	ACSR&OPGW	ACSR&OPGW	ACSR&OPGW	ACSR&OPGW	OPGW	HTLS
EN 50326 Compliant	Yes	Yes	Yes	Yes	Yes	Yes
IEC 61394 Compliant	Yes	Yes	Yes	Yes	Yes	Yes
IGB/T 36292 Compliant	Yes	Yes	Yes	Yes	Yes	Yes



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