ACSR Overhead Conductor Greases (also called ACSR anti-corrosion/filling greases) are specialized semi-solid lubricants designed for steel-core aluminum reinforced (ACSR) overhead power conductors. They are applied between the aluminum strands and steel core during manufacturing to protect and enhance performance.

sfdfshshsdfhsdh

Core Purpose & Functions

- Anti-corrosion protection: Seals out moisture, salt spray, industrial pollutants, and prevents galvanic corrosion between aluminum and steel.
- Lubrication & anti-wear: Reduces inter-strand friction, fretting wear, and vibration fatigue from wind/ice loads.
- Filling & sealing: Fills gaps between strands to block water ingress and improve structural stability.
- Thermal stability: Resists dripping, oil separation, and degradation at high operating temperatures (up to 180°C).
- Electrical compatibility: Non-conductive, does not impair current-carrying performance.

dhdhdhfdhdhss

dhsdhdfhsdhsddshsdh

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.

dgdshfsdfsdfhsddh

Technical Data

Items	OPS20A120	OPS40A120	OPS20A18
Description	20A120	40A120	20A180
Max. Temp. Rating	120° C	120° C	180° C
Min. Temp. Rating	20° C	40° C	20° C
Drop Point	>280° C	>280° C	>300° C
Application	ACSR&OPGW	ACSR&OPGW	ACSR&OPG
EN 50326 Compliant	Yes	Yes	Yes
IEC 61394 Compliant	Yes	Yes	Yes
IGB/T 36292 Compliant	Yes	Yes	Yes