Introduction

A comprehensive range of cold applied greases for protection of overhead line conductors. The range is fully compliant with all the latest international standards and specifications and offers excellent protection against fretting, multimetal corrosion and high temperature oxidation. The range exhibits exceptionally low oil bleed characteristics and unrivalled high drop point ensuring migration from the conductor is prevented.

Features and benefits

- Absolute minimal oil bleed at operational line and post fault temperature
- Optimum levels of anti-corrosion performance to ensure complete protection of the conductor in all environments particularly:
  - coastal regions
  - areas of high industrial pollution
  - areas of high humidity
- Bespoke range to cover the operational line temperatures from ambient to 230°C
- Highly specialised synthetic grease to withstand high temperature operations.
- Low temperature stability is controlled down to −50°C
- Fully reversible and effective over the designated temperature rating
- The structure and consistency of OCG™ has been optimised for ease of application and current working practices.
The OCG™ range

OCG™ 6000
Is an advanced, fully synthetic grease specifically developed for the protection of high temperature, low sag ‘GAP’ (GTACSR and GZTACSR) overhead conductors. The unique combination of additives and base fluids delivers extreme thermal stability.

OCG™ 6000 utilises a non-melting thickener system that results in a grease with a drop point over 300°C and extremely low oil separation at operating temperatures from –40°C up to 230°C. OCG™ 6000 is approved by National Grid to NGTS 3.4.2 and NGTS 3.4.13 and meets the requirements of the European conductor grease standard EN 50326:2002 with the designation 40A210.

OCG™ 5000
Utilises a non-melting thickener system that results in a grease with a drop point over 250°C and extremely low oil separation at operating temperatures from –40°C up to 150°C. It also has outstanding corrosion protection characteristics. OCG™ 5000 is approved by UK National Grid to NGTS 3.4.2 and NGTS 3.4.12 and meets the requirements of the European conductor grease standard EN 50326:2002 with the designation 40A150.

OCG™ 4500
Utilises a non-melting thickener system that results in a grease with a drop point over 250°C and extremely low oil separation at operating temperatures from –40°C up to 125°C. It also has outstanding corrosion protection characteristics. OCG™ 4500 meets the requirements of the European conductor grease standard EN 50326:2002 with the designation 40A125.

OCG™ 1000
Utilises a non-melting thickener system that results in a grease with a drop point over 250°C and extremely low oil separation at operating temperatures from –40°C up to 80°C. OCG™ 1000 is approved to international standards as a cost effective alternative to hot melt grease in standard phase conductors, OPGW and earthwires. OCG™ 1000 meets the requirements of EN 50326:2002 with the designation 40A80.

OCG™ 750
Designed to meet the demands of markets where cost is the predominant factor. This product uses a non-melting thickener system that results in a drop point above 230°C, with much less oil separation than traditional lithium based greases.

Pack sizes

OCG™ products are available in 180kg drums.