



OCG™ 5500

Protective grease for overhead line conductors



Description

OCG 5500 is an advanced semi-synthetic grease with outstanding thermal stability specifically developed for the protection of aluminium, aluminium alloy and steel reinforced overhead conductors, earthwires and their associated fittings.

High-class base fluids and additives with outstanding corrosion protection provide exceptional long term thermal stability throughout the service life of the conductor. OCG 5500 contains 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 up to 180°C. This minimises oil migration from the core to the outer surface of the conductor helping to reduce corona effects.

OCG 5500 also exhibits excellent low temperature flexibility down to temperatures as low as -60°C, providing an operating temperature range of -60°C to 180°C.

OCG 5500 complies with recognized international conductor grease standards stated below.

Features and benefits

- Excellent thermal stability maximises product integrity over the operational life of the conductor
- Extremely low oil separation
- Maintains flexibility down to -60°C, prevents cracking and flaking of the grease film at low ambient temperatures
- Provides good corrosion protection to steel, galvanised steel, aluminium and aluminium alloy conductor components
- Reduces abrasive wear and fretting on the conductor that can result due to thermal expansion/contraction and varying weather conditions

Global specialists in high-performance lubricants

Metalube Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester M44 5EG, UK
Tel: +44 (0)161 775 7771 Fax: +44 (0)161 775 7511 post@metalube.co.uk www.metalube.co.uk

Company registration number: 2263118; Company registered in England VAT registration number GB108244927000



Cert No 2367QM8001



OCG™ 5500

Approvals and standards

OCG 5500 meets the requirements of the following standard:

- IEC 61394:2011 with the designation 60A180
- BS EN 50326: 2002, type A, with the designation 60A180

Recommended instructions for use

OCG 5500 is designed for application at ambient temperatures and does not require heating prior to use.

Note: Greases of different types may not be compatible with OCG 5500 - application equipment should be thoroughly cleaned to remove residues of previous lubricants to avoid incompatibility issues.

Pack sizes

OCG 5500 is available in 180 kg drums

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Technical Data



METALUBE®

OCG™ 5500

Technical data (typical values)

| Property | Test method | Result |
|-------------------------------------|------------------|------------------------|
| Appearance | MSTM 1 | Brown tenacious grease |
| Typical S.G. @ 20°C | | 0.93 |
| Base oil type | – | Semi-synthetic |
| Worked penetration | IP50 | 284 mm/10 |
| Drop point | IP132 | >300°C |
| Oil separation (1 hour at 180°C) | IP121 (modified) | 0.00% |

Storage

Store OCG 5500 out of direct sunlight and protect from frost. Storage temperature should ideally be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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