



OCG™ 6000

Protective grease for overhead line conductors



Description

OCG6000 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 and outstanding corrosion protection.

OCG6000 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 up to 210°C. This minimises oil migration from the core to the outer surface of the conductor helping to reduce corona effects.

OCG6000 meets the performance requirements of several international standards – see below for details.

Features and benefits

- Excellent thermal stability maximises product integrity over the operational life of the conductor
- Extremely low oil separation – even at post fault conductor temperatures of up to 210°C
- Maintains flexibility down to -50°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™ 6000

Approvals and standards

OCG6000 meets the requirements of:

- BS EN 50326:2002 with the designation 20A210
- IEC 61394:2011 with the designation 20A210
- RTE specification NT-ING-CNER-DL-DML-12-00049

OCG6000 is type approved by:

- UK National Grid to NGTS 3.4.2
- UK National Grid to NGTS 3.4.13

Recommended instructions for use

OCG6000 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 OCG6000 - application equipment should be thoroughly cleaned to remove residues of previous lubricants to avoid incompatibility issues.

Pack sizes

OCG6000 is available in 180 kg drums

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™ 6000

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Smooth black tenacious grease
Typical S.G. @ 20°C		0.94
Base oil type	–	Synthetic
Worked penetration	IP50	220 mm/10
Drop point	IP132	>300°C
Oil separation 24 hours at 210°C	IP121 (modified)	0.01%
Oil separation 90 days at 210°C	IP121 (modified)	0.19%

Storage

Store OCG6000 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.

Issue date 12-14

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