



OCG™ 750

Protective grease for overhead line conductors



Description

OCG750 is a corrosion preventing grease specifically designed for the protection of aluminium, aluminium alloy and steel reinforced overhead conductors, OPGW and their associated fittings. The unique combination of additives and base fluids delivers very good corrosion protection with long term stability resulting in enhanced protection throughout the service life of the conductor.

Unlike traditional waxes or soap greases commonly used in conductor manufacture OCG750 utilises a non-melting thickener system which results in a drop point over 300°C and minimal oil separation. This ensures that the grease structure is maintained throughout the operating temperature range and oil migration to the outer surface of the conductor is significantly reduced, helping to minimize corona effects.

Features and benefits

- Exceptionally low oil separation helps to minimize corona effects
- Operating temperature range -40°C to + 110°C
- High thermal stability
- 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™ 750

Recommended instructions for use

OCG750 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 OCG750 - application equipment should be thoroughly cleaned to remove residues of previous lubricants to avoid incompatibility issues.

Pack sizes

OCG750 is available in 180kg drums

Technical data (typical values)

Property	Test method	Result
Appearance	MSTM 1	Smooth light brown grease
Typical S.G. @ 20°C		0.94 g/cm ³
Base oil type	–	Mineral oil
Worked penetration	IP50/ASTM D-217	270 mm/10
Drop point	IP132/ASTM D-566	>300°C
Oil separation (1 hour at 110°C)	IP121 (modified)	0.02%
Oil separation (42 hours at 40°C)	IP121	0.05%
Corrosion protection (5% salt fog)	ASTM B-117	>1000 hours

Storage

Store OCG750 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 08/2017

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