

# OCG<sup>™</sup>750

## Protective grease for overhead line conductors

### Description

OCG 750 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 OCG 750 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

### Recommended instructions for use

OCG 750 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 750 - application equipment should be thoroughly cleaned to remove residues of previous lubricants to avoid incompatibility issues.

### Pack sizes

Code	Pack
<b>F304531</b>	180kg drum no liner

Global specialists in high-performance lubricants

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927

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### Storage

OCG 750 should be stored in original, unopened packaging, out of direct sunlight at temperatures between 5°C and 35°C. The most up to date shelf life information for Metalube products can be found on the certificate of analysis issued at the time of manufacture.

### Technical data

Property	Test method	Result
<b>Appearance</b>	MSTM 1	Smooth light brown grease
<b>Density @ 20°C</b>	-	0.94 g/cm <sup>3</sup>
<b>Base oil type</b>	-	mineral
<b>Worked penetration</b>	IP50	270 mm/10
<b>Drop point</b>	IP132	>300°C
<b>Oil separation 1 hours at 110°C</b>	IP121 (modified)	0.02%
<b>Oil separation 42 hours at 40°C</b>	IP121 (modified)	0.05%
<b>Corrosion protection (5% NaCl)</b>	ASTM B117	> 1000 hours

Note: these values are typical only and do not constitute a specification

#### Limited warranty information

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. We accept no liability for any loss and/or damage arising from a failure to store our products in accordance with the information contained in this technical sheet.

Metalube Group's sole warranty is that our products will meet their quality control specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

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