

Technical Data

OCG™ HTLS 210

Protective grease for HTLS overhead line conductors



METALUBE®

Description

OCG HTLS 210 is a high performance, fully synthetic compound specifically developed for the protection of HTLS overhead conductors. The unique combination of additives and base fluids delivers extreme thermal stability and excellent corrosion protection.

OCG HTLS 210 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.

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 excellent corrosion protection to steel, galvanised steel, aluminium and aluminium alloy conductor components.
- Reduces abrasive wear and fretting on the conductor that can result from thermal expansion/contraction and varying weather conditions.

Approvals and standards

OCG HTLS 210 meets the requirements of:

- IEC 61394:2011 with the designation 50A210

Recommended instructions for use

OCG HTLS 210 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 HTLS 210 - application equipment should be thoroughly cleaned to remove residues of previous lubricants to avoid incompatibility issues.

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Property	Test method	Result
Appearance	MSTM 1	Smooth black tenacious grease
Density @ 20°C	IP 530	0.98 g/cm ³
Base oil type	-	Synthetic
Worked penetration	ISO 2137	273 mm/10
Drop point	ISO 2176	>300°C
Oil separation 1 hours at 210°C	IP121 (modified)	0.00%

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

Storage

OCG HTLS 210 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.

Pack sizes

Code	Pack
F306531	180kg drum with liner
F306531	180kg drum no liner

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. To the fullest extent permitted by applicable law, Metalube Group specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Metalube Group disclaims liability for any incidental or consequential damages.

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