



OCG™ 210 and 220

Protective greases for overhead line compression clamps and fittings



Description

OCG210 and 220 are high performance greases specifically developed for the protection of clamps and associated fittings used on overhead power lines. The unique combination of additives and base fluids delivers outstanding corrosion protection combined with long term thermal stability resulting in excellent protection throughout the service life of the conductor.

OCG210 utilises a non-melting thickener system that results in a grease with a drop point over 220°C and extremely low oil separation at operating temperatures up to 150°C. This minimises oil migration, preventing drying of the grease and loss of protection.

OCG220 utilises the same grease base as OCG210 but contains abrasive particles that modify the frictional properties between the metal surfaces of the clamps.

Both OCG210 and 220 are fully compatible with other products from the Metalube OCG range of overhead conductor greases which eliminates potential antagonistic effects of different grease types coming into contact.

Features and benefits

- Excellent thermal stability maximises product integrity over the operational life of the conductor
- Extremely low oil separation
- Provides good corrosion protection to steel, galvanised steel, aluminium and aluminium alloy conductor components
- Compatible with Metalube OCG conductor greases

Global specialists in high-performance lubricants

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



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Recommended instructions for use

OCG210 and 220 are designed for application at ambient temperatures and do not require heating prior to use. For optimum results clamps and fittings should be clean and dry before filling/coating with grease. Use only the amount of grease recommended by the fittings manufacturer – refer to their assembly instructions.

Note: Greases of different types may not be compatible with OCG210 and 220 - application equipment should be thoroughly cleaned to remove residues of previous lubricants to avoid incompatibility issues.

Pack sizes

OCG210 and 220 are available in 18 kg kegs and 300 ml cartridges.

Technical data (typical values)

Property	Test method	OCG 210
Appearance	MSTM 1	Brown tenacious grease
Base oil type	–	Mineral oil
Worked penetration	IP50	265 mm/10
Drop point	IP132	>220°C
Oil separation (4 hours at 150°C)	IP121 (modified)	0.1%
Corrosion protection	ASTM B-117	>1000 hours

Note: The above properties also apply to the base grease of OCG220.

Storage

Store OCG210 and 220 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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