

Technical data

GRAPHSLIP OCTG

The logo for MOLYSLIP, featuring the brand name in a bold, italicized, sans-serif font with a registered trademark symbol, set against a red rectangular background.

Metal-Free Tool Joint & Drill Collar Compound

Description

MOLYSLIP GRAPHSLIP OCTG is a premium performance, metal-free, tool joint & drill collar compound based on highly refined low sulphur, low pour point mineral oil thickened with calcium soap. The product contains specially selected solid lubricants coupled with high levels of corrosion inhibitors, anti-oxidant and anti-wear additives that make the product particularly suitable for use under the most aggressive conditions in corrosive wet/humid, dirty or chemical environments where a high degree of water washout resistance is required.

MOLYSLIP GRAPHSLIP OCTG has excellent lubricating and anti-wear properties to reduce friction during assembly preventing galling, 'pick-up' and seizure facilitating consistent joint make-up and easier breakout for routine maintenance. The product is formulated to meet the requirements of API RP 7G.

MOLYSLIP GRAPHSLIP OCTG is effective over a wide temperature range and is specifically designed to prevent seizure of threaded connections and 'cold welding' of shoulder/collar joints on oilfield equipment such as drill rods, casings, production tools and tubing etc. The specially formulated blend of additives provides enhanced adhesion to cold/wet tooling and a high resistance to wash off whilst being thermally stable for applications where high temperatures are encountered.

MOLYSLIP GRAPHSLIP OCTG is biodegradable and carries HOCNF 'E' classification in the UK/NL and 'Yellow' rating in Norway.

Features and benefits

- Low sulphur content
- Brushable at low temperature (down to -18°C)
- Excellent load carrying and anti-wear properties
- Allows consistent joint make-up
- Highly effective protection against corrosion
- Outstanding resistance to water washout
- Can be applied to cold, damp equipment
- Effective over a wide temperature range (-20°C to +120°C)

Packaging

18kg

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Company registration number: 02664511; Company registered in England VAT registration number GB578295191

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Instructions for use

MOLYSLIP GRAPHSLIP OCTG should be applied manually by brush to clean, degreased and dry (where possible) tool joint threads and shoulders. For best results apply to both mating surfaces.

Technical data (typical values)

Property	Test method	Result
Appearance	-	Smooth black paste
Worked penetration	IP50	310-340
NLGI classification	-	1
Drop point	IP132	>140°C
SG (kg/l)		1.2
Corrosion resistance (EMCOR)	IP220	0:0
Base oil viscosity	IP71	600cSt
Solid content	-	>40%
4-ball weld load	IP239	560kg
Friction factor	API Mod	1.1
Operating temperature range	-	-20°C to +120°C

Storage

Store MOLYSLIP GRAPHSLIP OCTG out of direct sunlight. Storage temperature should 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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