

OKS 255 Extreme Temperature Paste

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Application Areas

Ideal product for extreme temperature such as in boiler plants and cap screws of oil burners

Assembly lubrication of screw joints subject to high temperature and corrosive environment e.g. at internal combustion engines, threaded connections on pipes, flanges and armatures, exhausts and combustion chambers, bolts for gas and oil burning equipment etc.

Parting lubrication on metals allergic to seizing e.g. high alloy steels: the specific formula of metal powders does not react with these metal surfaces thus avoiding any deterioration like carburising.

Can be used where Copper based anti size pastes (like OKS 240) are not desirable

Advantages and Benefits

- Best used to prevent scoring and seizing.
- High efficiency against corrosion due to specific formulation.
- Wide temperature range opens manifold applications particularly in the high temperature areas
- Low consumption by applying a thin coating.(1 kg covers approx. 40 m²)
- Electrically conductive, highly resistant to oxidation and inhibits corrosion.

Mode of Application

The surface has to be cleaned mechanically (preferably with wire brush) of all residues (oxide paint and tinder deposits, as well as old lubricant residues) with a cleaning agent like OKS 2601. Apply paste by brush in a thin layer up to the base of the thread.



Product Data Sheet



Certified ISO 9001, 14001 &
OHSAS 18001

OKS 255 Technical Data

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Parameter	Specification
Appearance	Silver grey, soft paste Visual (Marginal variation in shade can be expected from batch to batch. The colour has no effect on the lubricating properties of the product)
Density	1.25 g / cc DIN 51757
Base	Blend of nickel alloy and other metal powders with synthetic oil
Penetration	310 – 340, 0.1 mm DIN 51804
Drop Point	None DIN 51818
Temperature Range	-30°C to +1400°C (Only solid components can withstand temperature upto +1400°C)
Resistance to Chemicals	Resistant to water and sea water
Ageing	None

Disclaimer

This Product Data Sheet was last updated in May 2002. The information contained in the data sheet reflects the state of engineering know-how and the results of extensive tests and practical application studies. However, on the account of diversity of possible applications and technical conditions, this information can be regarded as indicative for suitable applications and is not necessarily transferable to specific instances. Accordingly we recommend, in every case, that trials be conducted on specific applications before any general product use. No direct or indirect liabilities are accepted unless specified.

