



PETRO PLATE THREAD SEAL

Product Data Sheet

Product Description

Petro Plate Thread Seal is a Copper fortified pipe thread sealing compound. It is based on Calcium Sulfonate technology to maximize the amount of solids available in the sealing compound, improving the ability to maximize pipe thread surface contact while preventing galling or seizures of threads during heavy usage. In addition, the anti-corrosive properties of the Calcium Sulfonate help maintain the luster of the copper present in the grease.

Petro Plate Thread Seal can be used in high torque connections to facilitate assembly and disassembly.

Features & Benefits

- Prevents galling and microscopic welding by delivering a high charge of protective solids between the threads of oilfield pipes.
- Solid anti-wear and extreme pressure additives provide unparalleled anti-welding properties.
- Petro Plate Thread Seal is also recommended where frequent assembly and disassembly is necessary.
- Water resistant, resists wash and spray off.
- Excellent rust and corrosion resistance.
- Environmentally friendly.

Product Application

Petro Plate Thread Seal is designed to protect and facilitate assembly and disassembly of drilling pipes working under extreme conditions in mining applications. Petro Plate Thread Seal may be applied by manual lube systems and brushing. Petro Plate Thread Seal is available in pails, kegs, and drums.

Notes

If you require further information, contact Petron at: info@petroncorp.com



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Property	Test Method	Typical Data
Color	Visual	Bright Copper
Texture	Visual	Smooth
NLGI Grade	ASTM D217	1
Dropping Point, °C	ASTM D2265	>316°C
Worked Penetration, 60 Double Stokes, dmm	ASTM D217	265 – 295
Mechanical Stability	ASTM D217	
• Worked Penetration 10,000 Double Strokes, % Change		<3.0
• Worked Penetration 100,000 Double Strokes, % Change		<3.0
Roll Stability, % change	ASTM D1831	<3.0
4 Ball, Weld, kg	ASTM D2596	400
4 Ball, Load Wear Index, kgf	ASTM D2596	80
4 Ball, Wear, mm	ASTM D2266	0.50
Fretting Wear, mg	ASTM D4170	<10
Bearing Rust Protection	ASTM D1743	Pass
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B117	>500
Water Washout, % removed	ASTM D1264	<2
Copper Strip Corrosion	ASTM D4048	1a

Testing listed is typical, no warranty is expressed or implied regarding results obtained from use. Information contained on this Product Data Sheet is subject to change without notification. Before using product name, always be sure to read and follow precautions and directions for use appearing on the product container. Seller shall not be liable for any loss or damage.