



Kendex® OCTG

KENDEX® OCTG ORANGE CORROSION INHIBITOR

(C.A.S. #'s: 64742-52-5, 471-34-1, 8009-03-8, 128-37-0, 61790-12-3,
1330-20-7, 100-41-4, T/S)

Product Code: B09-4421

广州孚润 400-992-6811

PRODUCT DESCRIPTION:

A unique, thixotropic, grease-like corrosion inhibitor, Kendex® OCTG Corrosion Inhibitor was developed and evaluated specifically for long-term rust protection of Oil Country Tubular Goods. The highly polar, microscopic platelets are parallel to the metal surface. These platelets form overlapping particle layers that function as a moisture barrier.

RECOMMENDED APPLICATION:

Apply Kendex® OCTG to both the pin end and inside of the thread protector. All of the surfaces that are going to be protected by the Kendex® OCTG should be clean (devoid of rust and dirt) and dry. It has been demonstrated that a small amount of Kendex® OCTG inside the thread protector prior to screwing it on will push material forward giving better coverage to the nose of the pipe, covering the 45% chamfer and the flank area as well. The product is engineered with a low viscosity to easily allow one gallon of Kendex® OCTG to cover approximately 160 sq. feet under optimum conditions or one liter of Kendex® OCTG to cover approximately 3.39 sq. meters. A coating thickness between 1/32" and 1/16" applied uniformly over the desired surface will provide adequate protection.

PROPERTIES:

RUST PROTECTION – Prevents pipe thread rusting for over 2,000 hours of 5% salt fog cabinet testing when applied at a minimum 10-mil thickness.

SELF-HEALING – Ability to creep at least ½ inch after application protects areas not coated, or where coating was displaced.

MOISTURE DISPLACING - Will displace moisture to insure good bonding and rust protection.

THIXOTROPIC - Readily applied by brush or spray but resists sag, run-off or flow.

LUBRICANT – Minimizes thread damage during assembly and disassembly of threaded ends.

THERMALLY STABLE - Coating resists cracking, disbanding or run-off or flow.

ELECTRICALLY INSULATING – Resistivity of about 10^{15} ohm-cm reduces opportunity for galvanic corrosion. Resistivity, conductivity and dielectric constant values are comparable to those properties for the thermoplastic and thermosetting plastics evaluated.

MICROBE RESISTANT – Coating is resistant to attachment by sulfur reducers and other bacteria, which normally accelerates corrosion.

UV RESISTANT – Resists degradation from sunlight.

COMPATIBLE – Is compatible with petroleum-based solvents, oils and greases.

ADHESION TO RUST – Will bond to firm rust and reduce the rate of further rusting.

WELDABLE – Coating removal is not required before electric or gas welding, or for oxy-fuel cutting.

COATING REMOVAL – Hydrocarbon solvents or alkaline wash systems may be used for coating removal.

PACKAGING – Available in non –returnable 55 gallon drums – 412 lbs. net weight or in 5 gallon plastic pails 40 lbs. net weight.

APPROVALS – recommended for use by Hydрил. See Report TU86-016A

PROPERTIES

TYPICAL INSPECTION DATA

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| APPEARANCE | ORANGE COLORED THIXOTROPIC LIQUID |
| % NON-VOLATILE | 100 |
| VISCOSITY, BROOKFIELD #6 SPINDLE, 10 RPM, 77°F | 20,000 CPS |
| RUST PROTECTION, 5% SALT FOG, ASTM B-117 | OVER 2,000 HOURS |
| WATER DISPLACEMENT | GOOD |
| DRIP OR RUN –OFF | NONE BELOW 300°F |
| LOW TEMPERATURE ADHESION | GOOD TO –40° F |
| FLASH POINT, ASTM D 92, °F | 325 |
| SPECIFIC GRAVITY @ 60°F | 0.98 |
| PREF. APPLICATION TECHNIQUE | BRUSH AT 30°F to 100°F |
| SPRAY APPLICATION | 50°F – 100°F |
| (271 AIRLESS SPRAY EQUIPMENT USING 0.018” TIP) | |

Mixing with incompatible chemicals may be hazardous. This product is for industrial use only. Safety data sheets are available upon request.

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