



# PLUSCO

## Product Data Sheet

### **PLUSCO 135 Copper Trim Premium Drill String Casing & Tubing Compound**

**PLUSCO 135 Copper Trim** is a premium extreme pressure anti-seize thread compound formulated to meet the rigid requirements of the entire drill string. It is also recommended as a casing and tubing high-pressure lubricant and sealant. **Copper Trim** provides a leak-proof connection and allows continuous sealing under adverse and varying pressure and temperature conditions. **Copper Trim** controls friction during make-up by allowing proper thread engagement thus insuring optimum resistance to leakage.

**Copper Trim** contains a balanced package of corrosion, rust and oxidation inhibitors blended in premium lithium base grease. **PLUSCO 135** does not contain lead or any other hazardous materials. This copper base compound allows ease of make-up and breakout under the most demanding conditions. Made up connections are not affected by high torque, vibration or load conditions.

**PLUSCO 135** is also recommended for areas where high temperature conditions exist such as reactors, steam-lines, boilers, heat exchangers or cat-cracking units. **Copper Trim** is often used on connections when assembling down-hole pumps.

### TYPICAL SPECIFICATIONS

<b>Color</b>	<b>Copper Brown</b>
<b>Base Thickener</b>	<b>Lithium</b>
<b>Specific Gravity</b>	<b>1.3</b>
<b>Oil Separation</b>	<b>Nil (0.003%)</b>
<b>Penetration Worked @ 77°F</b>	<b>310 -- 340</b>
<b>NLGI Grade</b>	<b>1</b>
<b>Temperature</b>	<b>1800° F</b>
<b>Max.Make-Up Torque</b>	<b>311</b>
<b>Max.Break-Out Torque</b>	<b>187</b>
<b>Friction Factor</b>	<b>0.98</b>
<b>Service Rating</b>	<b>-20°F + 600° F</b>
<b>Dropping Point</b>	<b>500° F</b>
<b>Water Resistant</b>	<b>Yes</b>
<b>Oxidation Stability</b>	<b>Very Good</b>
<b>Rust / Corrosion Inhibited</b>	<b>Yes</b>
<b>Classification</b>	<b>Sealant / Anti Galling Compound</b>

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