



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

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

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Warranty: Because the conditions of use and the supervision of application are beyond the control of Plusco, Inc., we assume no liability for any product failure or other damage beyond the purchase price of the material furnished by us. No agent or representative or employee of this company is authorized to change this provision which relates to all goods delivered whether sold or delivered as samples or otherwise.