Copper Drill Collar & Tool Joint Compound

Description:

SN-403 is a double duty drill collar and tool joint compound composed of mineral oil and Calcium Sulfonate complex thickener with micronized **copper** and **graphite** flakes. This compound also contains **extreme pressure**, **anti-wear**, **anti-corrosion** and **anti-oxidation** additives**.** The extreme pressure additives and specially selected solid lubricants can effectively provide protection against seizure and galling. SN-403 has good adhesiveness and it is extremely water resistant. Calcium sulfonate complex thickener provides excellent corrosion protection and it is resistant to invert or high-pH muds and provides better pipe storage properties. SN-403 is **lead and zinc free** and it is not considered as marine pollutant.

Performance & Features:

- Prevents wear, galling and seizure
- Provides excellent corrosion protection
- Excellent oxidation resistance
- Good adhesiveness even to wet surfaces
- Extremely water resistant
- Resistant to invert or high-pH muds
- Lead and Zinc free
- Prevents corrosion by **H2S**
- Equivalent to Jet-Lube Kopr-Kote (Oilfield)

Properties:

Specifications	Methods	Conditions	Unit	Value
Base oil type				Mineral oil
Thickener type				Complex Soap
Dropping point	ASTM D566		°C	>**250**
NLGI Consistency			NLGI- class	1
Worked penetration	ASTM D217	60 Dh	mm/10	310 – 340
4 Ball Weld Load	ASTM D 2596		Kgf	≥ **620**
Operating Temperature Range				-20 °C to + 200 °C
Color				**Copper**