Lead Free High Pressure Thread Compound

Equivalent to API MODIFIED

Description:

SN-404 is a lead free high pressure thread compound composed of mineral oil and **calcium sulfonate complex** thickener. This compound also contains **extreme pressure**, **anti-wear**, **anti-corrosion**, **anti-oxidant** and high amounts of proven solid lubricants. SN-404 provides maximum thread engagement ensuring good leak resistance. The extreme pressure additives and specially selected solid lubricants can effectively provide protection against seizure and galling. SN-404 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.

Performance & Features:

- Prevents wear, galling and seizure
- Ensures good leakage resistance at high pressure
- Provides excellent corrosion protection
- Excellent oxidation resistance
- Good adhesiveness even to wet surfaces
- Brushable
- Extremely water resistant
- Resistant to invert or high-pH muds
- Lead free
- Prevents corrosion by **H2S**
- Equivalent to API MODIFIED

Typical Applications:

High-pressure thread compound for casing, tubing, and line pipe.

Properties

Specifications	Methods	Conditions	Unit	Value
Base oil type				Mineral oil
Thickener type				Calcium Sulfonate Complex
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	**800**
Operating Temperature Range				-20 °C to + 200 °C
Color				**Black**

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