

# Thread Compound EF

Environment Friendly High Performance Copper Based Thread Compound



## YOUR BENEFITS

- Contains copper flakes, non-metallic and environment friendly blend of natural, inorganic EP & AW additives that provide superior lubrication.
- Excessive circumferential is prevented by increasing the coefficient of friction under compressive forces.
- EP additives provide protection against galling and seizing and help in easy breakout.
- Contains no lead and zinc.
- Protects against rust & corrosion.
- Aluminum Complex thickener provides brushability and stability over a wide temperature range.
- Excellent frictional characteristics help to tighten the connections at desired stress levels.
- Service Rating: (-) 18°C [0°F] to (+) 230°C [446°F].

## APPLICATION

- For lubrication of Jack up rig leg racks and pinions.
- For lubrication of drill pipes, collars, tools and jacking system.
- For horizontal drilling machines.

CHARACTERISTICS	TEST METHOD	UNIT	TECHNICAL VALUES
Appearance	Visual	-	Smooth Paste
NLGI Grade	-	-	# 1
Worked Penetration	ASTM D 217	0.1 mm	310-340
Dropping Point	ASTM D 2265	°C	+ 230°C
Four Ball Weld Load	ASTM D 2596	Kgs	620
Oil Separation @100°C, 24 hrs.	CTM*	%	< 2.5
Copper Strip Corrosion	ASTM D 4048	Rating	1a

### INDUSTRY:

Oil & Gas

### PACK SIZE:

25 Kg Bucket

### SHELF LIFE:

24 Months

\*CTM=Corporate Test Method

The values quoted above are typical and do not constitute a specification.

Marginal variation in shade can be expected from batch to batch. The color has no effect on the lubricating properties of the product. MSDS available on request. Due to continual upgradation of products above data is subject to change without notice.

This supersedes our previously issued data sheets.

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