



TriboPlex 100-1 AS

Extreme Pressure Copper Tool Joint Compound, Standard Grade

CHARACTERISTICS

- Copper-graphite formula does not contain lead or zinc
- Excellent protection against seizing and galling
- Easy application by brush even in cold weather

APPLICATIONS

Premium high temperature compound designed for the lubrication of drill string connections (collars), tool joints and pipe threads. Provides consistent joint make-up and breakout conditions.

PERFORMANCE DESCRIPTION	TEST METHOD	CONDITION	TYPICAL VALUES
Temperature Range			0°C to 24°C (32°F to 75°F)
Appearance/Color			Smooth/Copper
Base Oil			Mineral
Base Oil Viscosity	ASTM D-445	40°C	100 cSt
Thickener			Aluminum Complex
NLGI Grade			1
Worked penetration (x60)	ASTM D-217	25°C (77°F)	310 - 340
Dropping point	ASTM D-2265		232°C
Specific gravity	ASTM D-0891	25°C (77°F)	1.09
Density (Lbs/gal)	Calculated	25°C (77°F)	9.1
Copper Corrosion	ASTM D-4048	24 hrs @ 100°C (212°F)	1b
Oil Separation	ASTM D-6184	100°C	< 3%
Extreme Pressure Properties (4 Ball Method)	ASTM D-2596	Weld Load	800 kgf

Disclaimer: Values given represent typical properties only and are not intended for use in preparing specifications. Please consult with an ALL applications engineer before writing specifications.

For A World In Motion

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