

OLIVALS

Online Valve Lubrication & Sealing

CPC24 COPPER PERFORMANCE COMPOUND

CPC24 Copper Performance Compound lubricating compound is formulated with additives to provide extreme pressure performance and greater lubricity. An application of CPC24 Copper Performance Compound will prevent down-hole makeup even when situations require excessive torque. As a result galling is prevented and ease of breakout is assured. This product is an excellent drill pipe and drill collar compound that ensures a seal on rotary-shouldered connections. CPC24 Copper Performance Compound is a non-flammable lubricant servicing temperatures from 0°F to 400°F (-17°C to 204°C) and has a 10,000 psi service rating.

FEATURES:

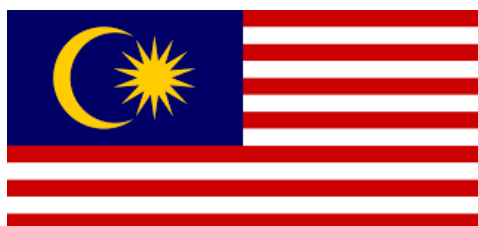
- Extreme pressure additives
- Excellent lubricity
- Prevents downhole makeup
- Prevents galling
- Lead-free

RECOMMENDED USE:

Recommended for use on drill collars, drill pipe, tool joints, casing, tubing, line pipe, rotary-shouldered connections, and fishing tools.

TYPICAL OBSERVATIONS

Color	Copper/Brown
Appearance	Smooth Paste
Density, lb/gal at 77°F (25°C)	9.9
Gravity @ 77°F (25°C)	1.10
Dropping Point, ASTM D-2265	390°F (199°C)
Flash point, ASTM-92	440°F (227°C)
Friction Factor, API 7-A1	1.15
Friction Factor, API 5-A3	1.2
Penetration, ASTM D-217 @ 77°F (25°C)	330-340
Base Oil Viscosity cSt @ 40°C	360
Corrosion Preventive Test, ASTM D-1743 at 125°F (51°C)	Pass
Evaporation Loss, ASTM D-972 @ 210°F (98°C)	1.80%
Oil Separation, ASTM D-1742 @ 77° (25°C)	<1.0%
4-Ball, Weld Point, Kgf (ASTM D-2596)	200 Pass
Salt Spray Test, ASTM B-117	250 Weld 500+ hours
Copper Strip Corrosion, ASTM D-4048	1A
Temperature Range	0°F to 400°F (-17°C to 204°C)
Shelf Life (unopened container)	Four years



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Made in U.S.A.
CPC24