

# Drilling Fluids - Grease

## Copper Supreme Special Blend®



Product Number  
420-69

### Applications

- Tool joints
- Drill collars
- Drilling and coring bits

### Advantages

- Meets all applicable API and IADC standards
- Available in 40%, 50%, 60% formulas

COPPER SUPREME SPECIAL BLEND® was developed to address environmental restrictions and exposure concerns associated with lead and zinc based thread compounds. It contains copper flake combined with a proprietary blend of amorphous and synthetic graphites, along with oxidation and H<sub>2</sub>S inhibitors, in a high temperature base grease.

### Typical Physical Properties

Physical appearance	dark copper
Penetration	300 – 320 (ASTM D 217)
Weight/gallon	10.2 lbs/gal
Dropping point	500°F/260°C (min)
Flash point	385°F/196°C (typ)
Brushable to	15°F/-9°C
Service rating	600°F/316°C
Torque factor	1.1 (per API RP 7A1)

### Packaging and Storage

Copper Supreme Special Blend is supplied in 30 lbs plastic pails.

