

JMN SPECIALTIES, INC.

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PRODUCT BULLETIN

TEKLUBE-1510

Biodegradable, Water Soluble Rolling, Drawing & Cooling Fluid

General Description

TEKLUBE-1510 is a concentrated, moderate pH water soluble rolling, drawing, cutting and cooling fluid that provides strong EP properties, rust protection and low surface tension to metal working fluids. **TEKLUBE-1510** provides excellent performance as an extreme pressure and lubricity additive, emulsifier, and rust inhibitor. **TEKLUBE-1510** is very effective when used as a replacement for oil based rolling lubricants, as an additive in for water based hydraulic fluids, and liquid drawing compounds. **TEKLUBE-1510** is non-toxic and does not contain *any* EPA rated hazardous solvents.

TEKLUBE-1510 is safe to use in multi-metal systems containing carbon steel, copper and aluminum.

Application

TEKLUBE-1510 is formulated to be diluted with water at 5% concentration, however, depending on usage, **TEKLUBE-1510** is effectively used between 1% and 10% concentration depending on load.

Performance Data

Falex EP test procedure with an aqueous solution of 5% **TEKLUBE-1510** achieved 60 torque @ 3000 pounds load without failure. **Foaming Test** (Ford Motor Company Test #MC-BT1-1) with an aqueous solution of **TEKLUBE-1510**; Foam Height 0.0" after 5 minutes. **Rust Test:** (Cast Iron Chip Procedure) 5% concentration of **TEKLUBE-1510**. Result: **NO RUST.**

Physical Properties

Color	Amber
Appearance	Clear
Odor	Mild
Specific Gravity	1.05
pH, as is	8.5 - 9.0
Freeze Point	32B F

Availability

TEKLUBE-1510 is available in UN approved 5 gallon pails and 55 gallon drums.

Handling

Observe warning label on containers. Normal precautions for industrial chemicals apply.