



SHEARGLIDE® 914 Metal Working Fluid

Description

Shearglide® 914 is a Metal Working Fluid that is designed to provide excellent performance without the use of Chlorine and Phosphorus. It employs a special EP additive combined with active and inactive sulfurized lubricity agents to produce a fluid targeted at difficult gun-drilling and other operations on ferrous materials.

Shearglide® 914 contains a unique EP agent that functions by physically plating on the work surface during metal forming. It creates a film of low shear strength and high melting point. This chemical inert reaction with metal surfaces permits higher turning speeds and feeds.

By contrast, chlorinated waxes function by reacting with metal surfaces to produce films of chlorides. These chlorides contribute to fluid degradation, and interfere with rust inhibitors. In addition, chlorine adds to ecological problems and disposal costs.

Features/Benefits

- ✓ **Contains Unique EP Agent**
Creates a film of low shear strength and high melting point
- ✓ **Improves Part Quality**
Excellent rust protection.
Improved surface finish.
- ✓ **Improves Operational Efficiency**
Extended tool life.
Minimizes Built-Up Edge (BUE).
Higher Turning Speeds & Feeds.
Readily filterable.
- ✓ **Environmentally Responsible**
Chlorine free.
Phosphorus free.
Reduces disposal costs.
Lends well to recycling.

Physical Properties

Product	914
Product Code	
Viscosity @ 40°C cSt	15
Active Sulfur, total % wt	1.8
Sulfur, total % wt	2.2
Copper Corrosion ASTM D-130	4a
Falex jaw load, lbs	3,000
Rust test, ASTM d-665	Pass
<i>Dual Purpose</i>	No