

# FS Spindle Oil 22, 10

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## Description

FS Spindle Oil is designed for the lubrication and protection of high-speed spindle bearings. It may also be used wherever a rust- and oxidation-inhibited petroleum oil is specified in an ISO 22 or 10 viscosity grade. This product separates rapidly from water and is hydrolytically stable. FS Spindle Oil provides excellent friction, filterability, rust, and corrosion protection properties. The formulation also provides superior thermal and oxidative stability. FS Spindle Oil is formulated with premium-quality paraffinic oils and proprietary additives. The formulation is free of barium, chlorine, lead, and silicone-type additives.

## Features and Benefits:

- Superior oxidation and thermal stability
- Rust and corrosion protection
- Rapid water separation
- Minimum foaming and rapid air release

## Recommended Use:

- Textile industry where machine oil does not contact fabrics or oil staining is not an issue
- Light-viscosity hydraulic oils requiring rust prevention and oxidation inhibition
- Gas, steam, and hydroelectric turbine bearing lubrication
- Automatic machine tools and other applications
- Lightly loaded reduction gears in marine applications

## Meets or Exceeds:

- General Motors LS
- Cincinnati Machine P-45

## Product Availability:

### FS Spindle Oil ISO 22

5 Gal. Pail	Item #159240
55-gal. Drum	Item #130473
265-gal. Totes	Item #197838
Bulk	Item #159576

### FS Spindle Oil ISO 10

5 Gal. Pail	Item #175617
55-gal. Drum	Item #174250
Bulk	Item #199109



## Typical Properties:

Test / Description	Specification	
Comparable ISO Grade	22	10
Viscosity @ 100°C (cSt)	4.3	2.62
Viscosity @ 40°C (cSt)	22.0	10.0
Viscosity Index	100	91
Density (lb/gal)	7.12	7.13
Pour Point (°C)	-33	-33
Pour Point (°F)	-27	-27
Flash Point (°C)	185	155
Flash Point (°F)	365	311
Copper Corrosion	1A	1A
Rust Text	Pass	Pass