

United 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 a comparable ISO 22 (United Spindle Oil 100) and ISO 10 (United Spindle Oil 60) viscosity grade. This product separates rapidly from water and is hydrolytically stable. United Spindle Oil provides excellent friction control, filterability, and rust and corrosion protection properties. This product is formulated with premium-quality paraffinic base oils and proprietary additives and is free of barium, chlorine, lead, and silicone-type additives. United Spindle Oil provides superior thermal and oxidative stability and is light in body and extremely light in color.

Features:

- Superior oxidation and thermal stability
- Rust and corrosion protection
- Rapid water separation
- Minimum foaming and rapid air release
- Easily applied at low temperatures
- Low staining properties

Applications:

- 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 lubrication
- Automatic machine tools and other applications
- Lightly loaded reduction gears in marine applications

TYPICAL SPECIFICATION DATA

UNITED SPINDLE OIL	60	100
ISO GRADE	10	22
Viscosity @ 100°C (cSt)	2.7	4.5
Viscosity @ 40°C (cSt)	10.0	22.0
Viscosity Index	108	118
Density (lb/gal)	7.12	7.12
Pour Point (°C)	-45	-39
Pour Point (°F)	-49	-38
Flash Point (°C)	163	202
Flash Point (°F)	325	396

Meets or Exceeds:

- General Motors LS
- Cincinnati Machine P-45

Product Availability: United Spindle Oil 60

- 55 Gal
- 265 Gal
- Bulk
- Item # 191523
- Item # 210965
- Item # 192582

Product Availability: United Spindle Oil 100

- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 191520
- Item # 191521
- Item # 210966
- Item # 192583