



ECOPOWER® SPINDLE OILS

ECOPOWER® Spindle Oils are formulated for use in high speed, light to moderate load spindle applications where heat dissipation as well as rust and oxidation inhibiting properties are important. These oils have excellent oxidation resistance and thermal stability at high temperatures to minimize deposits and provide long service life. They have excellent water-separating properties to minimize the formation of emulsions, and is resistant to excessive foam buildup.

Features and Benefits

- Excellent oxidation resistance and thermal stability
- Long service life for reduced operating and maintenance costs
- Protects against wear
- Protects against rust and corrosion
- Excellent water-separating properties
- Excellent low-temperature performance
- Quick foam release

Applications

Horizontal, vertical, bed-type, knee-type and turret-type CNC milling machines. High-speed needle and spindle bearings in industrial machinery. Low-pressure hydraulic systems that require a low-viscosity oil. They are also used in some critical hydraulic, circulation systems and airline oilers where the appropriate viscosity grade is selected. They meet the performance requirements of leading manufacturers of high-speed CNC milling machines.

Eco-Friendly

Since **ECOPOWER®** is made from recycled and re-refined used motor oil, it satisfies recent Federal directives for government agencies to use recycled/recovered materials.



ECOPOWER[®] SPINDLE OILS

TYPICAL PROPERTIES			
ECOPOWER [®]	ISO GRADE	22	32
Color		L 1.0	L 1.0
Specific Gravity 15.6°C (60°F)		0.855	0.861
Kinematic Viscosity			
cSt @ 40°C		22.0	32.1
cSt @ 100°C		4.4	5.6
Viscosity Index		110	111
Flash Point, °C		208	220
Pour Point, °C		-36	-33
Demulsibility D1401		Pass	Pass
Rust Characteristics D665		Pass	Pass
Copper Corrosion		1B	1B

Note: Values shown above are representative of current production and may vary within modest ranges

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