DURALIFE® ESTER SYNTHETIC SPINDLE OILS

Duralife® Ester Synthetic Spindle oils are specially formulated from fully synthetic ester base stocks with special antirust, antifoam, antioxidant and anti-wear additives .

APPLICATIONS:

Duralife® Ester Synthetic Spindle oils are recommended for lubrication of high- speed textile machines and automated machine tools.
Lubrication of high- speed machine elements, especially spinning and twister spindles.
Lubrication of high- speed bearings such as machine tool spindles, especially grinders.

BENEFITS:

- Maximize spindle life by protecting high-speed bearings from wear.
- Excellent anti-wear, antirust, anticorrosion properties.
- Very light color minimize staining when contact with fabric.
- Good oxidation stability prevent formation of damaging deposits and varnish at elevated temperature.
- Good water separation

TYPICAL CHARACTERISTICS

Test	Method	Typical Results					
		ESP 10	ESP 15	ESP 22	ESP 32	ESP 46	ESP 68
ISO Viscosity Grade		10	15	22	32	46	68
API Gravity	ASTM D287	22.30	20.65	19.03	17.76	16.36	14.38
Specific Gravity @ 15.6ºC (60ºF)	ASTM D1298	0.920	0.930	0.940	0.948	0.957	0.970
Viscosity@ 40ºC, cSt	ASTM D445	10	15	22	32	46	68
Flash Point, ºC (ºF)	ASTM D92	220 (428)	227 (441)	236 (457)	245 (482)	253 (487)	260 (500)
Pour Point, ºC (ºF)	ASTM D97	-60 (-76)	-56 (-69)	-52 (-62)	-50 (-58)	-44 (-47)	-40 (-40)
Foam Test @ 93.5ºC, ml	ASTM D892	0	0	0	0	0	0

The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS Number 12160 database on our website at ***www.amtecol.com*** *OR scan the code for a direct link*