



Spindle Oil

Dyna-Plex 21C® Spindle Oils are formulated to completely satisfy the lubrication requirements of high speed and precision machine tool spindle bearings. These oils are made with carefully refined high viscosity index base oils specifically treated to exhibit outstanding viscosity temperature characteristics and enhanced with high quality rust and oxidation inhibitors.

Selected ingredients are blended with these stocks to impart high oxidation stability and effective rust and corrosion resistance to extend the life of moving parts. Dyna-Plex 21C Spindle Oils provides excellent protection of yellow metal and ferrous components that help maintain and prolong equipment life. The lubricant has excellent demulsibility properties and foam control to allow consistent lubrication under high agitation conditions typical of spindle bearings.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>ISO 10</u>	<u>ISO 22</u>
Viscosity @ 40°C, cSt	D445	10.80	22.50
Viscosity @ 100°C, cSt	D445	3.00	4.50
Viscosity Index	D2270	140	115
Flash Point, COC, °C	D92	200	220
Flash Point, COC, °F	D92	392	428
Pour Point, °C(°F)	D97	-36(-33)	-36(-33)
Color	D1500	0.5	0.5
Gravity, °API	D287	35.0	34.0

Meets or exceeds the following tests and requirements:
Cincinnati Lamb – P-45 (ISO 22), P-62 (ISO 10)

Spindle Oils classified as follows:
DIN 51502 classification – HL
ISO 6743/4 – Hydraulic Oils Type HL
ISO 6743/2 – Spindle Oils Type FC