

STERN Waylube P-Series

STERN Industrial Way Lubricants are products formulated for lubricating the ways of various types of machine tools. They are blended from paraffin base stocks and have been compounded with additives to impart outstanding lubricity and extreme pressure properties. Way lubricants exhibit the high film strength that allows a build-up of a heavy oil film to reduce wear and contribute to accurate system component positioning. The lubricant contains a tackifier that prevents fluid from draining away from lubricated surfaces and minimizes fluid extraction between heavily loaded ways. The tackiness may also reduce lubricant wash out by emulsifiable cutting fluids.

APPLICATIONS

Way lubricants are manufactured for the sliding ways of machine tool systems that include planers, grinders, horizontal boring machines, shapers, and various milling machines. Way lubricants ISO Grade 68 is recommended for most machine tools with horizontal slideways in light to moderate applications. The ISO 220 Grade is suggested for those severe applications requiring a high viscosity lubricant; particularly for machines with vertical slideways.

TYPICAL PROPERTIES

<i>Industrial Way Lubricants</i>	<i>ISO 68</i>	<i>ISO 220</i>
<i>AGMA Number (Reference)</i>	2	5
<i>Texture</i>	Stringy	Stringy
<i>Viscosity, cSt at 40°C</i>	67.6	220.9
<i>Viscosity, cSt at 100 °C</i>	8.5	18.8
<i>Viscosity, SUS at 100 °F</i>	353	1166
<i>Viscosity, SUS at 210 °F</i>	52	85
<i>Flash, COC, °F</i>	395	455
<i>Viscosity Index</i>	95	95
<i>Pour Point, °F</i>	-5	5
<i>Pour Point, °C</i>	-21	-15
<i>Gravity, API @ 60 °F</i>	29	26
<i>Rust Test (ASTM D665)</i>	Pass	Pass
<i>Foam Test (ASTM D-892)</i>	Pass	Pass