



Lubricants
United States



SUNOCO WAYLUBES

Overview

SUNOCO WAYLUBES are specially formulated products developed for the lubrication of machine tool ways and slides. They eliminate stick-slip or table chatter by reducing friction between mating surfaces and provide superior film strength and excellent EP protection to ways under heavy loads.

Features & Benefits

SUNOCO WAYLUBES have metal wetting and adhesive agents that enable them to form uniform films that resist squeezing from way surfaces while the machine is not in operation. By preventing stick-slip, the wear of way surfaces is minimized and their service life is greatly extended. The oil is also designed with additives to prevent the mixing of the product with water based coolants.

Applications

SUNOCO WAYLUBES are effective lubricants for all machine applications where ways are present, regardless of load.

Typical Properties

PRODUCT CODES	1180	1190
PROPERTY	68 HD	220 HD
Viscosity, cSt @ 40 °C	68.0	220.0
Stick Slip, ASTM D2877	.70	.70
Viscosity, cSt @ 100 °C	9.1	19.8
Viscosity, SUS @ 100 °F	351	1160
Viscosity, SUS @ 210 °F	57.2	100.2
Gravity, ° API	30.0	28.5
Viscosity Index	110	103
Rust, Syn Sea Water	Pass	Pass
Flash Point, COC °F	425	500
Flash Point, °F	-20	5
Timken OK Load, lb.	60	65
4-Ball Wear Test	37.2	46.8
4-ball weld Pt	200	200
Thermal Stability	Pass	Pass
Cincinnati Milacron Specification No	P-47	P-50