



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. This includes slideways, vertical or horizontal, on various machining tools including milling & screw machines, planers, shapers, drills, and lathers. Also used for air-operated hammers, breakers, and rock drills. SUNOCO WAYLUBES are suitable as EP lubricants where moderately loaded industrial gear boxes require a tacky gear oil with mild EP properties and can be used as combination oils (waylube, gear oil, and hydraulic fluid) when the lubrication system has a common reservoir and hydraulic pressure remains under 1000 psi.

TYPICAL PROPERTIES

Product Code	6703	6753	6853
SAE Grade	75	80	90
Product	SUNOCO HD WAYLUBE 1175	SUNOCO HD WAYLUBE 1180	SUNOCO HD WAYLUBE 1190
PROPERTY	32 HD	68 HD	220 HD
Viscosity, cSt @ 40 °C	32.0	68.0	220.0
Viscosity, cSt @ 100 °C	5.5	9.1	19.8
Gravity, ° API	31.0	30.0	28.5
Viscosity Index	105	110	103
Stick Slip, ASTM D2877	.70	.70	.70
Rust, Syn Sea Water	Pass	Pass	Pass
Flash Point, COC °F	405	425	500
Pour Point, °F	-25	-20	5
Thermal Stability	Pass	Pass	Pass
Timken OK Load, lb.	60	60	65
4-Ball Wear Test	35.5	37.2	46.8
4-ball weld Pt	200	200	200
Cincinnati Milacron Specification No	P-53	P-47	P-50