



UNITED SLIDEWAY OIL

United Slideway Oil is an ashless, low odor, compounded oil designed to deliver premium performance for slideway applications. It offers excellent demulsibility, oxidation stability, corrosion protection, lubricity, extreme pressure and anti-wear properties for use on heavily loaded machine tool slideways, horizontal or vertical.

Besides demonstrating good compatibility with major metalworking fluids which reduces concern of coolant performance deterioration when contamination inevitably occurs, United Slideway Oil is compatible with most elastomers and is non-corrosive to ferrous and non-ferrous alloys.

APPLICATIONS / BENEFITS

- Anti-stick - slip properties.
- Adhesiveness.
- Protects exposed machine tool parts from corrosion.
- Cutting fluid separation performance - SKC Approval.
- Meets Cincinnati Lamb P-47 (VG 68), P-50 (VG 220) and P-53 (VG 32) performance levels.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS					
ISO Viscosity Grade		32	46	68	100	150	220
Specific Gravity @ 15 °C	ASTM D 4052	0.874	0.878	0.884	0.895	0.891	0.896
Flash Point, °C	ASTM D 92	212	220	230	246	248	256
Pour Point, °C	ASTM D 97	-12	-9	-9	-9	-9	-9
Kinematic Viscosity @40°C	ASTM D 445	32.5	46.5	67.3	107	151.0	223.5
@100°C	ASTM D 445	5.74	7.1	9.01	12.23	15.46	19.9
Viscosity Index	ASTM D 2270	118	110	108	105	104	102
Color	ASTM D 1500	0.5	<1.0	<1.0	<1.5	<2.0	<2.0