



DURALIFE® PREMIUM SLIDEWAY LUBRICANTS

DURALIFE® PREMIUM SLIDEWAY LUBRICANTS are high performance demulsifying slideway lubricants formulated from premium quality, high viscosity index base oils and select additives to provide excellent anti-wear and EP characteristics, low friction properties, adhesiveness filterability and water capabilities. They are specifically designed to prevent stick-slip problems to ensure good surface finish on the machined part and to satisfy the requirements of lathes and heavily loaded latest machine tool slideways and hydraulic systems. They are compatible with cast iron, steel and all other modern plastic slideway materials.

APPLICATIONS :

DURALIFE® PREMIUM SLIDEWAY LUBRICANTS are recommended for

- Machine tools with a common system for hydraulics and way lubrication under conditions of speed and load
- Horizontal and vertical slideways on machine tools, such as lathes, planers, shapers, drilling machines, milling machines and screw machines
- Printing presses, lumber mill saw carriages
- Hydraulic circuits for hydraulic pumps and motors
- Gear boxes and feed mechanisms of all types with or without wet electro magnetic clutches.

BENEFITS :

- Excellent anti-stick-slip performance.
- Good thermal and oxidation stability.
- Excellent demulsibility as it separate from water easily.
- Good antifoam properties.
- Excellent anti-wear and EP properties provide high level of protection for slideways, gears, bearings and hydraulic system components.

TYPICAL CHARACTERISTICS :

Test	Method	SLW 15	SLW 22	SLW 32	SLW 46	SLW 68
API Gravity	ASTM D287	34.58	32.08	31.14	29.11	28.39
Specific Gravity @ 15.6°C (60°F)	ASTM D1298	0.852	0.865	0.870	0.881	0.885
Viscosity @ 40°C, cSt	ASTM D445	15	22	32	46	68
Viscosity Index	ASTM D 2270	100	100	105	104	102
Flash Point, °C (°F)	ASTM D92	160 (320)	200 (392)	230 (446)	230 (446)	230 (446)
Pour Point, °C (°F)	ASTM D97	-15 (5)	-12 (10.4)	-9 (15.8)	-9 (15.8)	-9 (15.8)
F Z G Scuffing Test , Fail stag	ASTM D 5182	13	13	13	13	13
Copper Strip Corrossion, 3h@100°C	ASTM D130	1B	1B	1B	1B	1B
Rust Characteristics	ASTM D665A	Pass	Pass	Pass	Pass	Pass
Stick-Slip Performance	ASTM D2877	<0.8	<0.8	<0.8	<0.8	<0.8

Test	Method	SLW 100	SLW 150	SLW 220	SLW 320
API Gravity	ASTM D287	28.03	27.49	25.72	23.99
Specific Gravity @ 15°C (60°F)	ASTM D1298	0.887	0.890	0.900	0.910
Viscosity @ 40°C, cSt	ASTM D445	100	150	220	320
Viscosity Index	ASTM D 2270	100	98	98	95
Flash Point, °C (°F)	ASTM D92	230 (446)	235 (455)	235 (455)	235 (455)
Pour Point, °C (°F)	ASTM D97	-9 (15.8)	-9 (15.8)	-9 (15.8)	-6 (21)
F Z G Scuffing Test , Fail stag	ASTM D 5182	13	13	13	13
Copper Strip Corrossion, 3h@100°C	ASTM D130	1B	1B	1B	1B
Rust Characteristics	ASTM D665A	Pass	Pass	Pass	Pass
Stick-Slip Performance	ASTM D2877	<0.8	<0.8	<0.8	<0.8

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING :

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS Number 12097 database on our website at www.amtecol.com OR scan the code for a direct link

