

# SLIDE AND BEDWAYS OIL (SW)

## DESCRIPTION

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- **LubeRite SW** are specially compounded oils developed for the lubrication of slides and ways and intended to eliminate the phenomenon of stick-slip in machine tool operation.

The special compounding plus the use of highly refined base oils give LubeRite SW oils outstanding stability, extreme oiliness, adhesiveness and exceptional load carrying ability. They possess excellent metal wetting properties and serve as well as rust preventives as well as lubricants. LubeRite SW oils are non-corrosive to both ferrous and non-ferrous metals.

## APPLICATION

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- LubeRite SW oils are recommended for application to slides and ways of planers, grinders, millers, lathes and NC controlled machine tools to eliminate stick-slip and assure smooth table action even at slow speeds and under heavy work loads. SW 68 will fulfill most requirements, but where unusually heavy loading or special design features require a higher viscosity, SW 220 is the recommended lubricant. LubeRite SW oil can also be applied to the bearings and

gears of other machinery requiring the special properties of these oils.

## STANDARDS

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- SW 68 is classified as heavy-medium slideway oil and SW 220 as a heavy slideway oil and are approved by Cincinnati Milacron against their current P-47, P-50 and P-53 slideway specifications respectively.

## FEATURES AND BENEFITS

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- Stick-slip or the leap-frog motion of a machine tool table on its ways, is most likely to occur when the table is moving slowly and subjected to heavy loads. Anti-stick slip additives have been included in the formulation of LubeRite SW.

## AVAILABLE PACKAGING

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- 200-liter drum
- 20-liter pail

## TYPICAL SPECIFICATIONS

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ISO Viscosity Grade	32	68	220
Viscosity at 40°C, cSt	32	68	220
Viscosity at 100°C, cSt	5.20	9.02	18.99
Viscosity Index	98	109	101
Flash Point, COC, °C	213	204	240
Pour Point, °C	-12	-12	-6
Cu Corrosion 3H/100°C	1a	1a	1a
Stick-slip, Static/Kinetic Ratio	0.75	0.73	0.74