

Product Information

ASTRASLIDE S 68

Description

Astraslide S 68 has been specifically developed for the lubrication of machine tool slideways and tables. Formulated from high quality mineral oil and the latest additive technology, this grade is especially suited for use on modern plastic and composite slideways in addition to those based on traditional materials.

The additive system incorporated into Astraslide S 68 ensures excellent film strength, helping to prevent "pick up" and "scoring" on bearing surfaces under the most severe operating conditions, including intermittent use.

The product provides excellent corrosion resistance to the slides, beds and tool stations of machining centres and eliminates "judder" or "stick-slip" that has been known to occur in some mechanically and hydraulically operated machine tools.

Astraslide S 68 has been specifically formulated to be non-tacky and of low odour. In the event that it should enter machine sumps, Astraslide S 68 is designed to readily separate from water based cutting fluids and can be easily removed by surface skimming or by other mechanical means such as tramp oil skimmers etc. In those circumstances where sumps are contaminated, but the tramp oil can not be easily removed, Astraslide S 68, being free from sulphur containing additives, does not provide nutrients for bacterial growth in the same way that many similar products do.

Applications

Astraslide S 68 is recommended for all machine tool slideways, especially modern plastic and composite slideways, tables, carriages, guides, tool stations and other machine applications where an ISO VG 68 extreme pressure lubricant is specified. It is also suitable for the lubrication of other machine tool parts including headstocks, cross feeds and saddles and also for use on the bed of wire and tube drawing machines where an oil of this type and viscosity is required.

Performance Levels

FZG Damage stage >12
Cincinnati Milacron P47 (meets requirements)
US Steel 224
AGMA 250.04

Physical Characteristics

Relative Density @ 15.6°C	0.880
Kinematic Viscosity @ 100°C, cSt	8.9
Kinematic Viscosity @ 40°C, cSt	68.4
Viscosity Index	103
Flash Point (Closed) °C	186



Certificate No. FM 21756
BS EN ISO9001 2000

Morris Lubricants, Castle Foregate, Shrewsbury, Shropshire SY1 2EL

Telephone (01743) 232200 Fax (01743) 353584



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BS EN ISO14001 1996