



Product Information:
ASTRA 32,68,100,150,220
Slideway Lubricants

Description:

Astra Slideway Lubricants have been specifically developed for the lubrication of machine tool slideways and tables. They have been formulated from high quality mineral oil, performance additives and incorporate a tackifier to ensure that the lubricant adheres to the moving parts at all times. The performance additives provide outstanding resistance to oxidation, corrosion and wear and eliminate stick slip and judder that sometimes occurs in mechanically and hydraulically operated machine tools.

Astra Slideway Lubricants have exceptional film strengths and will prevent pickup and scoring on bearing surfaces under the most severe conditions, including intermittent use. These grades continue to perform even under the continual washing action of water based cutting fluids.

Features:

- Excellent oxidation and corrosion protection
- Excellent adhesion properties even under difficult conditions
- Eliminates stick slip and judder
- Complete separation from all types of coolants and emulsions

Applications:

Astra Slideway Lubricants are recommended for slideways, tables, carriages, guides and all machining centre applications where a tacky extreme pressure lubricant is required. This range of oils may also be used for the lubrication of headstocks, cross feeds, saddles and gearboxes.

ASTRA 32 is highly recommended for certain machine tools with combined hydraulic and slideway lubrication systems.

Physical Characteristics:

ISO VG Grade	32	68	100	150	220
Appearance	Pale Liquid	Amber Liquid	Amber Liquid	Amber Liquid	Amber Liquid
Density @ 15°C	0.870	0.880	0.888	0.895	0.898
Viscosity @ 40°C (cSt)	32.2	67.4	92.3	160.3	215.9
Viscosity @ 100°C (cSt)	5.6	9.0	10.9	15.8	18.9
Viscosity Index	110	108	104	100	95
Closed Flash Point (°C)	190	192	194	196	198

Figures based on average production values

Part. No.s: 32 ATT205, ATT025
68 ASL205, ASL025
100 SLT205, SLT025
150 ASO025, ASO205
220 SLI025, SLI205

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