

Machine Way Oil



Product Description:

This lubricating oil is for machine guide ways and slides where extreme precision in machine member movement is required. It is formulated from high-quality base stocks combined with additives, which provide extreme pressure characteristics, adhesiveness, foam resistance, rust protection and superior lubricity. The EP additive and lubricity agents effectively control the stick-slip and chattering movements of machine parts. In addition, they have a high level of anti-oxidants and provide excellent protection.

Main Benefits:

- ❖ Efficient control of stick-slip and chatter.
- ❖ Outstanding load-carrying and anti-wear performance.
- ❖ Excellent rust and corrosion resistance.
- ❖ Permit high precision and finish even at the slowest table speeds.

Application:

It is suitable for many industrial applications including slide ways, lathe head stocks and machine guides where stick –slip properties are required.

Physical Characteristics	Test Method	Typical Values				
SAE Grade		32	68	100	150	220
Specific Gravity @ 60/60 F	ASTM D-4052	0.876	0.883	0.891	0.8945	0.899
Kinematic Viscosity	ASTM D-445					
@ 40 °C, cSt		32.1	68	100	150	220
@ 100 °C, cSt		5.37	8.61	11.1	14.54	19.02
Viscosity Index	ASTM D-2270	100	97	96	96	95
Flash Point, COC, C	ASTM D-92	208	220	228	240	248
Pour Point, C	ASTM D-97	-6	-6	-6	-6	-6