

Genway 68 and 220

Slide and Way Oils

Description

Genway Oils are "Special Premium Lubricants" developed for machine-tool ways and slides where precision or slow speeds make it necessary that "Stick-Slip" of tables and slides are eliminated. High quality base oils combined with additives imparts good extreme pressure characteristics, adhesiveness, foam resistance, rust and corrosion protection, metal wetting and superior lubricity. Genway Oils show improved resistance to oxidation which makes them suitable for a variety of uses other than merely "all loss" applications.

Application

Genway Oils are outstanding boundary lubricants. They are recommended for the lubrication of spur, bevel, worm and hypoid gears in many machine tools as well as hydraulic systems, headstocks and similar machine tool applications. Genway 68 is generally recommended for ways on small to medium size machine tools, as well as for flood application in large machines. Genway 220 is the normal recommendation on large machines where way pressures are high or extreme precision is required and for vertical and inclined slideways where drain down can be a problem.

Performance Level

- Genway 68 – Cincinnati Machine specification P-47.
- Genway 220 – Cincinnati Machine specification P-50.

Benefits

- Precision machining.
- Good compatibility with cutting fluids.
- Protection against rust and corrosion even in the presence of aqueous coolants.
- Superior oxidation stability.
- Extended drain intervals.
- Reduced pump and motor wear in hydraulic applications.
- Good performance in gearboxes.

Typical Physical Characteristics

Genway	68	220
Viscosity, cSt @ 40 °C	65	210
Viscosity, cSt @ 100 °C	8,9	18,4
Flash Point, °C min.	190	190
Pour Point, °C max.	-7	-7
4-Ball Weld Load, kg.	200	200
ISO VG	68	220

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Due to continual product research and development, the information contained herein is subject to change without notification. Refer to the Material Safety Data Sheet (MSDS) for information on the safe handling and use of this product.

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