



CHEVRON WAY LUBRICANTS

ISO 32, 68, 220

PRODUCT DESCRIPTION

Chevron Way Lubricants are designed for use in the lubrication of slides and ways of machine tools.

CUSTOMER BENEFITS

Chevron Way Lubricants deliver value through:

- **Excellent separation from metalworking coolants** — The SKC (SKC Gleittechnik) coolant separation test showed excellent separation from a wide variety of commercial coolants.
- **Excellent adhesion** — Stringiness agent minimizes leakage and helps control lubrication costs.
- **Smooth tool motion** — Low coefficient of static friction minimizes the chances of “stick-slip” or jerky movement of machine tool sliding parts which have cast iron or plastic moving on cast iron.

FEATURES

Chevron Way Lubricants are high quality lubricants designed to help meet the critical lubrication demands for the slides and ways of machine tools.

Chevron Way Lubricants are formulated with high quality base stocks and an additive system that help provide extreme pressure and antiwear protection, foam suppression, thermal stability, and demulsification.

These lubricants help provide an unusual adhesive or tacky quality. Chevron Way Lubricants help minimize leakage and adhere to metal surfaces providing a tenacious lubricant film. Due to their adhesiveness, these oils form a tenacious film which helps resist being wiped away by the slowly moving parallel surfaces of the way or being washed away by cutting fluids.

Product(s) manufactured in the USA.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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Chevron Way Lubricants are friction modified to meet the exacting lubrication demands for the slides and ways of machine tools. Their inherent low coefficient of static friction minimizes the chances of “stick-slip” or jerky motion of sliding parts on machine tools, which maximizes the operating efficiency of the tools and promotes smooth overall operation.

Chevron Way Lubricants are formulated to help provide excellent way oil separation from the metalworking coolant in the reservoir, minimizing the adverse affect of tramp oil on the coolant stability. Results may vary depending on the chemistry of the metalworking coolant used.

Their antiwear and extreme pressure properties help protect the sliding surfaces.

These oils help protect cast iron and bronze surfaces from rust and corrosion, and are resistant to oxidation to promote long lubricant life.

APPLICATIONS

Chevron Way Lubricants have proven excellence in the lubrication of ways in many types of machine tools, e.g. lathes, planers, shapers, drilling and tapping machines, etc., including those operating at high loads.

These oils perform well in the lubrication of lightly loaded enclosed gears and industrial plain and antifriction bearings. Additionally, their tacky quality makes these oils suitable for once-through applications, e.g. lubrication of chain drives.

Chevron Way lubricants meet the requirements of:

- **MAG Cincinnati, Cincinnati Machine** under their P-53 (ISO 32), P-47 (ISO 68), and P-50 (ISO 220) specifications for way lubricants.

TYPICAL TEST DATA

	32	68	220
<i>Product Number</i>	277315	273110	273111
<i>MSDS Number</i>	23581	23581	23581
AGMA Grade	0	2	5
API Gravity	32.9	31.0	28.5
Viscosity, Kinematic cSt at 40°C cSt at 100°C	33.6 5.8	64.6 8.6	209 18.8
Viscosity, Saybolt SUS at 100°F SUS at 210°F	173 45.7	334 55.2	1102 95.9
Viscosity Index	115	104	100
Flash Point, °C(°F)	220(428)	250(482)	264(507)
Pour Point, °C(°F)	-18(0)	-18(0)	-15(+5)

Minor variations in product typical test data are to be expected in normal manufacturing.

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