



TEXACO WAY LUBRICANTS

68, 220

CUSTOMER BENEFITS

Texaco 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 after one hour.
- **Reduced smoking** — Improved separation from coolants reduces tramp oil that can promote smoking in metalworking applications.
- **Excellent adhesion** — Stringiness agent reduces leakage and helps cut lubrication costs.
- **Smooth tool motion** — Low coefficient of static friction eliminates "stick-slip" or jerky movement of machine tool sliding parts which have cast iron or plastic moving on cast iron.
- **Multipurpose performance** — Can be used as general purpose shop lubricants for gear lubrication, air tools, and hand oiling, as well as way lubrication on lathes.

FEATURES

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

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

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

Texaco 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 eliminates "stick-slip" or jerky motion of sliding parts on machine tools, which increase operating efficiency of the tools and smoother overall operation.

Texaco Way Lubricants provide excellent way oil separation from the metalworking coolant in the reservoir, reducing the adverse affect of tramp oil on the coolant stability.

Their antiwear and extreme pressure properties protect the sliding surfaces.

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

APPLICATIONS

Texaco 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. Texaco Way Lubricants have been successfully field tested in Okuma and Moriseiki machine tools.

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

Texaco Way Lubricants:

- meet the requirements of **Cincinnati Machine** under their P-47 (ISO 68), and P-50 (ISO 220) specifications for way lubricants.
- pass the **Bijur** filterability test.

TYPICAL TEST DATA

	68	220
<i>CPS Number</i>	220561	220572
<i>MSDS Number</i>	8648	8648
AGMA Grade	2	5
API Gravity	31.0	28.5
Viscosity, Kinematic cSt at 40°C cSt at 100°C	64.6 8.6	209 18.8
Viscosity, Saybolt SUS at 100°F SUS at 210°F	334 55.2	1102 95.9
Viscosity Index	104	100
Flash Point, °C(°F)	250(482)	264(507)
Pour Point, °C(°F)	-18(0)	-15(+5)

Typical test data are average values only. Minor variations which do not affect product performance are to be expected in normal manufacturing.