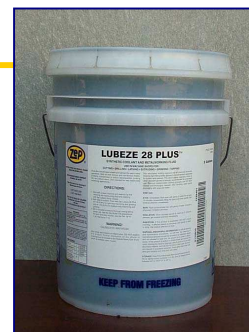




PRODUCT SPECIFICATION REPORT

LUBEZE 28 PLUS™

Water-based cutting and coolant fluid



DESCRIPTION

Premium synthetic, water-dilutable coolant and cutting fluid. For use in machining operations including grinding, tapping, drilling, cutting and lathing. Contains water-soluble lubricants and improved corrosion preventatives, as well as anti-souring ingredients to protect tool and work piece, and to prolong solution life.

FEATURES

- Water-based
- Versatile
- Stable
- Anti-souring
- Concentrated
- Corrosion inhibition
- No disposal problems
- Neutral pH in use dilution

BENEFITS

- Eliminates the difficulties that may be associated with conventional oil and oil-emulsifiable products.
- Use with both ferrous and non-ferrous metals.
- Water-soluble system – no emulsion involved (clear dilutions).
- Resist souring and development of foul odors.
- May be diluted up to 50 : 1 with water for some operations
- Contains ingredients to protect ferrous metals (tool and work piece) from corrosion.
- Completely biodegradable. Contains no materials that are harmful to sewage system.
- In use dilution, product should have a neutral pH for efficiency.

APPLICATIONS

Use wherever convention cutting fluids and coolants are used for all types of metal machining operations. Not intended for the very heavy machining applications.

Aircraft Manufacturers
Automotive Repair Shops
Fabricated Metal Products

Industrial Machinery Manufacturers
Metal Product Manufacturers
Motor Vehicle Body Mfg.

Motor Vehicle Parts & Accessories
Welding Services

COMPANION PRODUCTS

Zep Absorbents in bulk, pads, drum covers and tails, Zep Model 206 Proportioner, Zep Lubeze Universal, Zep Drill Chill, Zep Lubeze Syn Plus, Zep Lubeze 14, Zep Lubeze 28, Zep Lubeze Titration Kit B, Zep Nitrile Gloves, Zep Spectra Gloves

SPECIFICATIONS

| | | | |
|--------------------------------|--------------------|-----------------------------|----------------|
| Physical Form | Liquid | pH (1% solution) | 8.0 – 9.0 |
| Color..... | Hydrocarbon | Flash Point | none |
| Odor | Mild | Shelf Life | 1 year minimum |
| Density/Specific Gravity | 8.5 lbs/gal – 1.02 | D.O.T. Shipping Label | None |
| PH (concentrate) | 8.5 – 9.5 | | |

PACKAGING

5 Gallon Pails



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LUBEZE 28 PLUS™

SYNTHETIC COOLANT AND METALWORKING FLUID

USE IN MACHINE SHOPS FOR:
CUTTING • DRILLING • LATHING • EXTRUDING • GRINDING • TAPPING

PROD. 1328
595A

Dilute this concentrated coolant and lubricant for use in many operations. Safe on both ferrous and non-ferrous metals. Contains a bacteriostat to reduce decomposition, prolong life, and reduce odors. (Not intended for very heavy-duty machining applications.)

The use of rubber, neoprene, nitrile, or other resistant gloves is strongly recommended for prolonged use. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, wash hands thoroughly with soap and water.

DIRECTIONS

1. Start with a clean machine and reservoir by first removing old metalworking fluid and cleaning with Zep Lubeze Sump Cleaner.
2. Add water to system. Then add Zep Lubeze 28 Plus at 1:35 (2.8%) for light-duty machining and grinding; and at 1:15 (6.6%) for medium-duty machining and grinding.
3. Stir or circulate to ensure thorough mixing before actual use. Use the Zep Model 206 proportioner for quick and easy dilution. Use the Tan tip for 1:35; Red tip for 1:15.

WARNING!

CAUSES EYE IRRITATION

May cause eye irritation or inflammation. DO NOT swallow this product. Further information on the effects of overexposure is included on the Material Safety Data Sheet, which is available upon request. Zep advocates limiting exposure to all chemical products. Wearing tight-fitting safety glasses is recommended, especially for contact lens wearers.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN: Flush contaminated skin with plenty of water. Consult a physician if irritation develops.
INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention immediately.
INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious, give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL INFORMATION: As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Super Sorbent, and deposit in a sealable container. Thoroughly clean area with detergent solution and rinse well with water.

STORAGE: Keep this product away from food and food products. Store tightly-closed container in a dry area at temperatures between 40° to 120°F (4° to 49°C).