



QUINLUBE #19

APPLICATION

Hi-Tec Quinlube #19 can be used for medium to heavy duty machining and grinding operations requiring maximum cleanliness, cooling and corrosion protection. It is well suited for use on carbon steel, cast iron and other ferrous alloys.

Hi-Tec Quinlube #19 is readily bio-degradable as per ISO 7827: 1994 (AS4351.2 – 1996). It contains no phenols, polychlorinated biphenyls, mercurials, nitrites, phosphates or borates.

USAGE

Use **Hi-Tec Quinlube #19** at concentrations varying between 1:30 to 1:50 for grinding operations. For machining operations, use **Hi-Tec Quinlube #19** at concentrations between 1:10 and 1:30.

BENEFITS

- Multi-phase organic corrosion inhibitor system provides outstanding corrosion protection, even under high humidity "wet stacking" conditions.
- Contains no nitrites or nitrosamine compounds.
- Highly polar, synthetic lubricating ingredients which reduce wheel and/or tool wear and produce good finish characteristics.
- Maintains high bio-resistance. Greatly reduces odours and fungal/bacterial sludges.
- Contains no inorganic salts of any type. Deposits a light, fluid, residual film with good lubrication properties.
- Provides very good cleanliness, which keeps grinding wheels open and free-cutting.
- Maintains clean machine surfaces.
- Provides excellent wetting and heat transfer properties.
- Contains no harmful or harsh ingredients.
- Low foaming.
- Stable micro-emulsions formed over a wide range of water hardness.

COMPATIBILITY

Hi-Tec Quinlube #19 is compatible with most commonly used polymer hose and seal materials. However, due to the wide variety of materials available, specific recommendations should be sought from your distributor or Hi-Tec Sales Representative.

STORAGE

If the following criteria are adhered to, **Hi-Tec Quinlube #19** can be stored for at least six months.

Maximum recommended long-term storage temperature: 40 °C.

Minimum recommended long-term storage temperature: 0 °C.

Keep drums/containers tightly closed when not in use.

Store containers/drums in a dry and well ventilated area.

Hi-Tec suggests that the equipment manufacturers' recommendations for performance requirements and general operating conditions should be checked prior to use.



CHEMICAL AND PHYSICAL PROPERTIES

Property	Results
Appearance	Fluorescent green liquid
Specific Gravity @ 25 °C	1.011 – 1.017
pH of 5% emulsion in water	9.8 - 10.2
pH Neat	10.4
Total Alkalinity	56.5 – 62.5 mg KOH/g
Recommended Concentration	3.0% – 5.0%