

Excelene® 316

Heavy duty chlorine-free cutting and grinding oil

DESCRIPTION

Excelene 316 is a specially formulated grinding oil. It is light in color to allow for easy observation of the surface being ground. Extreme pressure additives make it ideal for machining ferrous or non-ferrous metals, especially those with medium to low machinability.

Excelene 316's low odor, low misting and low foam characteristics give it high operator acceptance. It has an unusually high flash point for its low viscosity. The low viscosity flushes the wheel so there is no build up.

Excelene 316 can be used in a variety of machining and grinding operations, including:

- External and internal grinding
- Drilling
- Countersinking
- Reaming
- Shaving

FEATURES / BENEFITS

- High lubricity and detergency.
- High stock removal rates.
- Chlorine-free.
- Free of heavy metals.
- Low foaming and misting.
- Easily filtered.
- High operator acceptance.
- Ford approval (TOX # 110642).
- Enhanced lubricity provides extended tool life and reduces tooling cost.
- Provides improved part finish which reduces overall cost through reduced rework and scrap rates
- Allows grinding wheels to run clean with less loading which saves money by extending time between wheel dressing and wheel changes.

Kapp GmbH recommends **Excelene 316** for use in their grinding machines. It can be used with borazon (CBN), diamond grinding wheels, or vitrified grinding wheels. **Excelene 316** was particularly developed for precision grinding operations.

DATA (TYPICAL VALUES)

Viscosity @ 100°F	70 SUS
API Gravity @ 60°F	32
Flash Point	360°F
Foam Tendency	Low
Chlorine Content	Nil

HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

HL 13.12 US



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