

Excelene 416

Heavy Duty Chlorine-Free Cutting and Grinding Oil

DESCRIPTION

Excelene 416 is a straight metalworking oil, designed especially for precision grinding. The product is mainly used with steel, gray cast iron, and non-ferrous heavy metals.

Excelene 416 is particularly suitable for high stock removal rates and grinding speeds due to excellent cooling and detergency properties. The extreme pressure properties ensure improved surface quality, as well as extended tool life.

Hydrocracked base oils prevent Excelene 416 from clouding and ensure minimal evaporation. Air bubbles generated while grinding are released immediately resulting in a continuously even film of lubricant at the grinding site, which promotes reduced loads on tool and work-piece.

Excelene 416 does contain top quality refined products. As a result, polychlorinated compounds (e.g. PCB, PCT, TCDD) do not form, which reduces disposal costs to a minimum.

Excelene 416 is mainly used as a precision grinding oil. However, the product is also suitable for drilling, turning, and milling at high stock removal rates.

DATA (TYPICAL VALUES)

Viscosity @ 100°F	70 - 110 SUS
API Gravity @ 60°F	29.5 - 32.5
Flash Point	390°F
Foam Tendency	Low
Chlorine Content	Nil

Date | version
Code

FEATURES/ BENEFITS

- High lubricity and detergency.
- Chlorine-free.
- Free of heavy metals.
- Low foaming and misting.
- Easily filtered.
- High operator acceptance.
- 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.

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS 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.



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