

**PRODUCT SPECIFICATIONS & TECHNICAL DATA**

**INACTIVE SULFUR CUTTING AND GRINDING FLUID / OIL**

**PETROFLO #2 INACTIVE SULFUR CUTTING OIL** are excellent general-purpose cutting oils with outstanding lubricating properties. They are manufactured from naphthenic base oils and contain an inactive sulfurized fatty ester lubricity and extreme pressure additive.

**APPLICATIONS:**

**PETROFLO #2 INACTIVE SULFUR CUTTING OIL** are recommended for metal removal, metal forming and slide way applications on both ferrous and non-ferrous metals. These oils are non-corrosive to copper, brass, aluminum and its alloys. Their low viscosity provides good cooling properties and adequate flushing of chips for machining of magnesium (Note: oil emulsion in water should not be used for the machining of magnesium due to the vigorous reaction between water and magnesium at high temperature). In metal removal operations, they provide lubricity and extreme pressure characteristics and imparts good surface finishes to the machined part. In slide way applications, they provide the necessary friction modification.

**BENEFITS:**

- Chlorine free.
- Highly refined transparent.
- Sulfur containing for higher performance.
- Inactive sulfur for use with many non-ferrous alloys.
- Inactive sulfur will not stain non-ferrous metals.
- Friction modifiers to enhance boundary lubrication.
- Excellent cooling and lubrication in a wide range of machining operations.

Sr. No.	Grade Name	K.V. cSt @ 40°C	Flash Point, COC, °C	Copper Corrosion test	Sulfur
1	CUT 20	20	150	1a	Inactive
2	CUT 22	22	165	1a	Inactive
3	CUT 30	30	165	1a	Inactive

The above analyses are typical inspections only and the finished product may vary from batch to batch.