



## DURALIFE® INACTIVE SULFUR NEAT CUTTING OILS

DURALIFE® INACTIVE SULFUR NEAT CUTTING OILS are excellent general-purpose cutting oils with outstanding lubricating properties. They are manufactured from paraffinic base oils and contain an inactive sulfurized fatty ester lubricity and extreme pressure additive.

### APPLICATIONS :

DURALIFE® INACTIVE SULFUR NEAT CUTTING OILS are recommended for metal removal, metal forming and slideway applications on both ferrous and non-ferrous metals. These oils are non-corrosive to copper, brass, aluminum, stainless steel, nickel, titanium 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 slideway applications, they provide the necessary friction modification.

### BENEFITS :

- Transparent characteristic permitting a full view of the work.
- Provide excellent cooling and lubrication in a wide range of machining operations.
- Inactive sulfur cutting oil will not stain non-ferrous metals.
- Compounded with fatty oil to improve lubricity.

### TYPICAL CHARACTERISTICS :

Test	Method	Typical Results	
		IN 30	IN 40
Viscosity @ 40°C, cSt	ASTM D445	30	40
Flash Point, °C (° F)	ASTM D92	210 (410)	210 (410)
Pour Point, °C (° F)	ASTM D97	-9 (15.8)	-9 (15.8)

*The above characteristics are average values based on recent production. Minor variations which do not affect product performance are to be expected in normal manufacture.*

### WARNING :

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.

Don't pollute. Conserve resources. Return used oil and bottle to collection centers

*Reference SDS Number12041 database on our website at [www.amtecol.com](http://www.amtecol.com) OR scan the code for a direct link*

