



OS-52

Chlorinated Alkane

Extreme Pressure Additive

OS-52 is a mid-chain chlorinated compound. It is a nonflammable, non-corrosive, low volatile liquid at room temperature. It contains a stabilizer to maintain product integrity during transport and storage. **OS-52** is used in a wide variety of applications including flame retardants, plasticizers, and EP metalworking packages.

For metalworking applications, **OS-52** is typically applied in machining, drawing and stamping fluids. The following information represents typical starting point formulation guides:

	<u>% Weight</u>
Straight Oil (Machining)	3-10
Straight Oil (Drawing and Stamping)	5-30

OS-52 may be stored in an original container or bulk storage tank. Exposure to 0°F for an extended period will cause significant viscosity increases. To reverse this, drums need to be returned to 80-90°F. Blending should not exceed 130°F. Prolonged exposure to temperatures in excess of 100°F may result in darkening of product and release of corrosive by-products.

TYPICAL PROPERTIES

Property	Typical Result
Chlorine, %	50
Specific Gravity @ 25°C	1.28
Viscosity @ 210°F, SUS	85
Viscosity @ 100°F, SUS	3,400
Flash Point, °F (COC)	>450
Color, ASTM (ASTM D-1500)	2

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