

PRO-CUT HS500 SERIES CUTTING OIL

HIGH PERFORMANCE CUTTING & GRINDING OIL

Description

Bosse Lubricants® PRO-CUT HS500 Series cutting & grinding oil is a chlorine free, transparent, amber colored, active sulfur cutting oil formulated using high quality refined base stocks. PRO-CUT HS500 Series cutting oil contains unique synergistic extreme pressure and polar additives that readily react at the chip-tool interface to form extremely effective boundary lubricating films which reduce frictional heat, preventing metal-to-metal contact of the tool and workpiece. PRO-CUT HS500 Series contains fatty oil additives which increase lubricity and provides better surface finishes. This cutting oil possess excellent anti-wear and anti-weld properties to maximize tool life and minimize machine down-time. Contains highly efficient anti-mist additives.

Materials

Bosse Lubricants® PRO-CUT HS500 Series cutting oil for general machining and grinding applications. In particular, it offers excellent results when working on low carbon and middle to high alloyed steel, stainless steels, and titanium. Not recommended on brass and copper.

Operations*

- Crush, Creep-Feed, Centerless, Cylindrical, and Form Grinding
- Gundrilling
- Thread Cutting
- Thread Rolling
- Deep Hole Drilling
- Gear Hobbing
- General Machining, Swill Auto

*Consult your Bosse Lubricants® fluid provider on which viscosity is best for your application

Typical Characteristics

Appearance:	Amber Viscous Liquid
Odor:	Mild Sulfur Hydrocarbon
Soluble in Water:	Not-Soluble
Chlorine:	No
Sulfur, Active/Inactive:	Yes
Fat:	Yes
Phosphorous:	Yes

Product	Viscosity
	SUS @ 100°F/cST @ 40° C
PRO-CUT HS516	81/16
PRO-CUT HS522	110/22
PRO-CUT HS532	151/32
PRO-CUT HS544	204/44



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