

Shield PRO CUT

PREMIUM PERFORMANCE CUTTING OIL

WATER SOLUBLE



DESCRIPTION

Shield ProCut is a water-soluble, general-purpose cutting oil designed for moderate-duty cutting and metalworking operations. Shield ProCut fluid is formulated with select base oils and fortified with soaps, sulfonates and coupling agents. It also contains stabilizers to control odor and provide long service life.

APPLICATIONS

- Cutting and grinding operations requiring water-soluble fluids
- Applications where enhanced cooling is desired
- Machining and grinding operations on both ferrous and non-ferrous metals
- Shield ProCut is used where normal water hardness is 300 ppm

CUSTOMER BENEFITS

Shield ProCut offers improved cooling with less smoke and reduced staining of ferrous and non-ferrous metals. It helps to create better finish and closer tolerances, with fewer rejects. With proper use, tool life is increased between required regrinds resulting in lower maintenance costs and improved equipment uptime.

Other Benefits are :

- Forms highly stable emulsions
- Helps prevent rust and corrosion
- Low foaming
- Resists biological degradation

- Low odour
- Extends tool life
- Improves surface finish
- Non staining to ferrous and non ferrous alloys
- Phenol and nitrite free

TYPICAL SPECIFICATION

Density @ 15°C	7.45
Kinematic Viscosity, mm ² /s @ 40°C	49
Pour Point °C	-20
Flash Point °C	177
Emulsion Test, MM 1387	Pass
Freeze Test, MM 1388	Pass
Package (Liters)	200, 20, 5, 4