

TECTYL COOL 181

Emulsion Type Cutting and Grinding oil

Introduction

TECTYL COOL 181 is suitable for mid to heavy-duty cutting with its excellent lubricity. It extends tool life and improves surface illumination of processed parts, while extends fluid life with its superior biostable type anti-septicity.

TECTYL COOL 181 has no chloride paraffin and is environment friendly that best avoided harmful substance to human body with minimized use of preservatives.

TECTYL COOL 181 has good anti-foaming and tramp oil rejection to keep equipments clean, and prevents property deterioration from mixed tramp to extend fluid life. Its excellent rust prevention controls rust on equipments and material.

Features

- Excellent machining Capabilities
- Long Sump Life
- Excellent corrosion protection
- Low foaming
- Free of chlorinated EP additives.
- Excellent tramp oil rejection.

Benefits

- Increased tool life; improves surface finish
- Reduced disposal cost and prolonged exchange period
- In-processes protection of machinery and parts

Recommended Concentration

- Grinding 1 : 20 ~ 1 : 25
- Machining 1 : 10 ~ 1 : 20

Typical physical Properties

Appearance	(Neat)	: Amber
	(3% Solution)	: Milky Emulsion Translucent
pH	(3% Solution)	: 9.6
Rust Protection	(3% Solution)	: No rusting for more than 48 hours
(Petri-dish)		
Emulsion stability		: Pass
Factor		: 1.1

- Above is typical data on fresh oil obtained at our laboratory.

Application

Kingsbury, Bullards, Bar Machines, Lathes, Chuckers, Centerless and Cylindrical Grinding etc

- Steel: carbon steels, alloy steels
- Cast iron: Cast iron, nodular iron, gray iron
- Stainless steel: 300 & 400 series Stainless steel
- Aluminum: automotive grade cast aluminums

Packing

TECTYL COOL 181 is shipped in 53 gallon (U.S.) steel drums (200 liter) and in bulk.

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ISO 14001 인증 ISO/TS16949인증

- Improved working atmosphere
- Eliminates coolant spoilage due to contamination