

TECTYL COOL 240

CUTTING / GRINDING FLUID WITH EXCELLENT ANTI-SEPTICITY AND FOAMING

Introduction

TECTYL COOL 240 is a bio-stable type water-soluble cutting/grinding fluid with excellent anti-septicity, rust prevention, and tramp oil separation.

TECTYL COOL 240 is applicable to general cutting work, such milling and drilling, as well as, to grinding work, like disk grinding and centerless grinding. Compared to the previous cutting fluid, better anti-septicity of TECTYL COOL 240 controls outbreak of bacteria and fungi, while its superior pH maintenance prevents multiplication of microorganisms and rust. With its outstanding tramp oil separation, TECTYL COOL 240 fast separates tramp oil, making it easy to be removed through oil skimmer, and prevents property deterioration due to mixed tramp oil. Excellent anti-septicity and tramp oil separation of TECTYL COOL 240 extends fluid using period and cuts wastewater treatment cost. TECTYL COOL 240 is good in hard water emulsion-stability that solves equipment contamination problem from hardness increase. Its excellent rust prevention reduces corrosion on material and equipments used in between processes. Lastly we best tried to avoid harmful substance to human body through minimum use of preservatives.

Features

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

Recommended Concentration

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

Typical physical Properties

Appearance	(Neat)	: Brown Liquid
	(3% Solution)	: Milky Emulsion
pH	(3% Solution)	: 9.7
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

Packing

TECTYL COOL 240 is shipped in 53 gallon (U.S.) steel drums (200 liter) and in bulk.