

## PACE PREMIUM SOLUBLE CUTTING OIL

### PRODUCT INFORMATION

#### MINERAL BASED SOLUBLE CUTTING OIL

#### ❖ DESCRIPTION

**Pace Premium Soluble Cutting Oils** are water emulsifiable oils for metal working operations where maximum cooling is desired. These oils are developed with selected base oils, emulsifiers and biocides for ready mixing to form a stable emulsion which provide good rust protection and excellent cooling.

#### ❖ TYPICAL APPLICATIONS

**Soluble Cutting Oils** are recommended for grinding and other light to medium general machining operations in ferrous and non-ferrous metals for special applications such as:

- a) Hydraulic medium in large presses and roll mills as economical medium as compared to neat mineral Oils.
- b) Rust preventive in both concentrated and emulsion form to prevent corrosion of metal surfaces. This can be easily washed down with water.
- c) Rust inhibitor in IC Engine Water cooling systems.
- d) As hot and cold rolling oil for copper and hot rolling of Aluminum rods.
- e) These Soluble Oils are not recommended for Magnesium machining.

❖ **PERFORMANCE STANDARDS:** These Oils generally meet IS:1115-1986 standards.

#### ❖ CUSTOMER ADVANTAGES

- Form stable emulsions with water upto even 400 ppm hardness.
- Permit rapid separation of chips and grinding dirt keeping circulating line clean.
- Provide good protection against rusting.
- Provide effective cooling.

## ❖ KEY PROPERTIES

PACE PREMIUM SOLUBLE CUTTING OIL	
Parameters	Typical Results
pH of 5% emulsion	Stable Without Any Separation For 24 Hrs. Min
Smell	As Desired
Emulsion Test	Passes
Rust Test	Passes
Frothing Test	Passes

## ❖ HANDLING, HEALTH AND SAFETY

Lubricant consisting of highly refined mineral oils with specific additives. In normal conditions of use this lubricant presents no particular toxic hazard. All lubricants of any kind should be handled with great care, avoiding any contact with the skin is desirable.

Store under cover and away from any risk of pollution. Dispose of the used oil correctly, don't pour downdrains, into watercourses or the soil.

Refer Material Safety Data Sheet (MSDS) for more information on handling of the Product or Contact Representatives of **Pace Lubricant Pvt. Ltd.**

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