

DNR TRANSFLUID

ڈی.ان ار ٹرانسفلڈ

HIGHER THE PH VALUE, LOWER THE CONSUMPTION



DESCRIPTION

- ➡ DNR TRANSFLUID is Chlorine free
- ➡ DNR TRANSFLUID is a low mineral oil, water miscible cutting fluid containing selected Chlorine-free EP additives
- ➡ DNR TRANSFLUID produces a long life, stable and finely dispersed beige opalescent emulsion when mixed with water.

DNR TRANSFLUID offers the following advantages:

- ◆ High emulsion stability, which gives greater economy resulting from lower replacement cost.
- ◆ Good cooling and lubrication due to excellent wetting properties and the use of highly effective EP additives. This results in less tool wear, greater accuracy and considerably longer tool life.
- ◆ High microbiological resistance, resulting in significant biocide cost savings.
- ◆ Excellent corrosion protection enabling greater dilution and therefore lower cutting fluid consumption.
- ◆ Low foaming.
- ◆ Extraordinary pH stability resulting from its long lasting buffer components giving longer emulsion life, greater protection against corrosion and less cutting fluid consumption.
- ◆ Especially good skin compatibility.
- ◆ Wide range of applications, suitable for use in individually filled machines as well as in central circulation systems, with which ferrous metals are machined.
- ◆ Workshop hygiene, DNR TRANSFLUID is free of nitrite, PTBB and other hazardous substances. The effectiveness of the biocidal properties of the ingredients present in DNR TRANSFLUID avoids the uncontrolled growth of bacteria, yeast and fungi and thus reduces the microbiological hazards for people.

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Typical Characteristics :

Properties	Unit	Typical Value	Test Method
Appearance		Clear Liquid	Visual
Density at 29.5 °C	g/ml	0.99	ASTM 1298
pH of emulsion in DW @ 5%		9.3	
Emulsion stability at 5% concentration		Stable, Translucent	
Viscosity @ 40 °C	cSt	40	ASTM D 445
Refractometer factor		1.36	

Recommended Concentration:

Normal machining operations-	~ 4 - 6 %
Difficult machining operations-	~ 10 %
Grinding-	~ 2 - 4 %



Processed & Marketed by:



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Available Pack Size : 5 Ltr, 20 Ltr, 35 Ltr, 210 Ltr.