

## **Duracut HNF**

Duracut HNF is a light coloured, low odour, low misting neat cutting & grinding fluid.

Duracut HNF is a technically advanced low viscosity neat cutting fluid specially designed as a Carbide and Flute and Form grinding fluid.

### **FEATURES & BENEFITS**

- ✓ Low Viscosity
- ✓ Low Misting
- ✓ Low Odour
- ✓ Excellent Filterability
- ✓ Excellent Operator Acceptability
- ✓ Low Volatility
- ✓ Excellent Flushing Characteristics
- ✓ Good Oxidation Resistance
- ✓ Resists solubilisation of Cobalt



### **DESIGNED TO GIVE OUTSTANDING PERFORMANCE**

**Duracut HNF** is manufactured from severely refined enhanced high viscosity index mineral oil and synthetic base stocks, with added extreme pressure and lubricity additives.

This produces excellent machining performance and extended wheel life, in many established Flute and Form grinding operations where a low viscosity fluid is required or specified.

**Duracut HNF** low viscosity provides good flushing characteristics and penetration along with excellent filterability.

### **MULTI PURPOSE AS STANDARD**

**Duracut HNF** system resists solubilisation of Cobalt and other transition metals. It also has a very low odour, has high oxidation resistance and is essentially colourless.

### **TYPICAL PHYSICAL PROPERTIES**

Appearance	Yellow/Amber Liquid
Odour	Bland
Solubility in water	Insoluble
Specific Gravity	0.832 Typical
Viscosity @ 40 degrees	7 cst
Reichert Lubricity Characteristics (2.5% Dilution in Base Oil)	45 (metres)
Load Bearing Capacity (Kg/mm2)	1.089 Typical