

VIVACE WG

FLUTE AND FORM GRINDING FLUID

Description

Vivace WG is a technically advanced low viscosity neat cutting fluid specifically formulated as a Carbide and flute and form grinding fluid. Vivace WG 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. Vivace WG's low viscosity provides good flushing characteristics and penetration along with excellent filterability. The Vivace WG system resists solubilisation of Cobalt and other transition metals. It also has very low odour, has high oxidation resistance, and is essentially colourless thereby ensuring excellent operator acceptability.

Vivace WG is also formulated to ensure it is low misting and low foaming in use, even when used in high-pressure systems. Vivace WG has been successfully utilised in Walter, Anca and Schneeberger grinding machines.

Features / Benefits

- Low Viscosity
- Low Misting
- Low Odour
- Excellent Filterability
- Excellent Operator Acceptability
- Low Volatility
- Excellent Flushing Characteristics
- Good Oxidation Resistance

Areas of Application

Flute and Form Grinding – Suitable for use with Carbide hard metals, medium and high tensile steels, stainless steels, high alloyed steels. Also suitable for use as a low viscosity fluid for non-ferrous applications where the low viscosity will aid swarf flushing.

Physical Characteristics

Appearance	Very pale, almost 'water white' fluid
Relative Density @ 15.6°C	0.835
Kinematic Viscosity @ 40°C/cSt	7.8
Closed Flash Point/°C	158
Open Cup Flashpoint/°C	190

These are typical test figures and do not constitute a specification.

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