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Website: www.viscol.co.za**SUBJECT: OIL SPECIFICATIONS****ENVIRONMENTAL & QUALITY MANUAL**
(in accordance with ISO 9001 & 14001)

VISCOBROACH (BROACHING OIL)

Description

Viscobroach is a highly chemically active, high performance cutting oil formulated from mineral oils and sulphurised additives. Viscobroach will provide acceptable odour, reduced oil make-up, improved component visibility and swarf removal.

Application

Viscobroach is recommended for difficult to machine metals particularly in gear shaping, hobbing and various other operations. It is recommended for touch and draggy as well as hard brittle materials. Viscobroach can also be used with non-ferrous materials - where staining can be tolerated. In fact this multi-metal capability as well as its multi-operational capacity is a highly valued customer benefit, together with improved surface finish, dimensional accuracy and machine cleanliness.

Benefits

- * improved component visibility
- * reduced oil make-up
- * long tool life and reduced downtime
- * improved surface finish and dimensional accuracy
- * machine cleanliness
- * multi-metal capability as well as multi-metal operational capability

Physical Characteristics

Viscosity @ 40°C, cSt	37 / 40,9
Viscosity @ 100°C, cSt	6,07
Pour Point, °C, max	-21
Flash Point, °C, min	212
Density @ 20 °C, kg/l	0,877
Added sulphur, % m/m, min	0,8
Chlorine % m/m	0,8 / 1,2

Experienced personnel from our Technical Division are available for discussion on all aspects. Recommendations are given in good faith but without warranty. It is the user's responsibility to determine the suitability for his/her own use.

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