



MICROCOOL 153

Argent Microcool 153 broaching oil is specially formulated for the criteria surrounding ferrous and non-ferrous machining applications. This fluid is formulated with a comprehensive additive package designed to maximize effectiveness, tool life, and overall process economy.

The additive system is very stable and cannot be stripped by filter systems nor quickly depleted during use. An anti-oxidant group is utilized to protect the fluid from oxidation, especially in the event of higher temperatures. Extreme pressure components are incorporated to help maintain proper tool sharpness that subsequently helps achieve dimensional accuracy and minimize the tendency to gall. Extremely durable boundary lubricants assist in achieving desired surface finishes. An anti-foam system is included to help minimize air entrainment.

The low viscosity and high viscosity index are specified for proper chip flushing and heat removal. The relatively low viscosity of Microcool 153 allows the fluid to drain quickly from finished workpieces, minimizing carry-off.

Advantages

- Will not harm seals
- High flash point, easily filterable
- Long fluid life, minimal tendency to gall
- High resistance to contamination and oxidation
- Specifications approved by pump manufacturers

Typical Physical Properties

Flash Point	>210° C	Viscosity @ 100° F	225-250 SUS
Specific Gravity	0.89 ± 0.02	Viscosity Index	>105
Pour Point	<-20° C		