

GHO-5555

Heavy Duty Broaching Oil

Description

GHO-5555 is medium viscosity high performance shaving and hobbing oil. **GHO-5555** contains an oiliness additive for additional performance, especially on draggy, soft metals. It is designed primarily for gear hobbing, form grinding, and gear cutting where pressurized coolant systems are used.

Performance Benefits

- Properly balanced lubrication provides excellent surface quality
- Higher tool life
- Chlorine free formula

Recommended Applications

	Cast Iron	Low-medium alloy steel	High alloyed steel/nickel-chromium alloys	Titanium alloys	Aluminum alloys	Yellow metals
Honing/Superfinishing	-	-	-	-	-	-
Grinding	-	X	X	-	-	-
Drilling	-	X	X	X	-	-
Broaching/Gear manufacturing	-	X	X	X	-	-
General machining	-	X	X	X	-	-

Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Dark Amber Oil
Density @ 15°C	Lbs/gal	-	7.6
Viscosity @ 40°C	cSt	ASTM D446	67
Viscosity @ 100°F	SUS	ASTM D446	310
Flash Point	°F	ASTM D92	>350°F
Copper corrosion	3 hr at 100°C	ASTM D130	4c

	Ester	Active Sulfur	Inactive Sulfur	Phosphorous	Calcium	Chlorine	Zinc
Additives	X	X	X	X	-	-	-