

AQUAGLIDE® 552

Medium to Heavy Duty Semi Synthetic Metalworking Cool

Rev. 1/2024



Description

Aquaglide® 552 is a non-chlorinated, low oil content, semi-synthetic coolant for medium to heavy duty operations on ferrous and non-ferrous metals. The low oil content of the product aids in dropping metal fines, provides clean running, low foaming conditions, and helps kick out tramp oil quickly resulting in extended sump life minimizing Monday morning odors.

Aquaglide® 552 can be used in various applications including tapping, turning, milling, drilling, grinding and other difficult metal removal operations. Its low foaming properties prevent pump cavitation and aid in filtration

Aquaglide® 552 contains an exceptional biocide package that resists biological attack under severe conditions, and it provides excellent interim protection on parts and equipment.

Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
4%	25:1	2.4
5%	20:1	3.0
6%	16:1	3.6
7%	14:1	4.2
8%	12:1	4.8
9%	11:1	5.4
10%	10:1	6.0

Application Information

Application Type	Concentration
General Machining	4 – 7%
Heavy Duty Machining	7 – 10%

Consult with your U.S. Lubricants Specialist for application-specific recommendations

Features/Benefits

- Versatile**
Suitable for use on steel and non-ferrous (yellow) metals
- In Process RP**
- No Monday Morning Odor**
- Good Operator Acceptance**
Low skin irritation occurrence
- Clean Running**
Residue can be removed with Alkaline Cleaner

Typical Properties

Property	Results
Appearance	Amber Color
Appearance (Diluted)	Opaque
Solubility in water	Complete
pH (@5%)	9
Odor	Low