

AQUAGLIDE® 566

Heavy-Duty Semi-Synthetic General Purpose Metalworking Coolant

Rev. 1/2024



Description

Aquaglide® 566 is a premium quality high oil semi-synthetic cutting and grinding coolant designed to be used on ferrous and non-ferrous metals.

Aquaglide® 566 is heavily fortified with EP (extreme pressure) and lubricity additives to extend tool life and aid in fine surface requirements.

Aquaglide® 566 can be used for grinding, tapping, milling, drilling, slotting, etc. In addition, its low foaming properties prevent pump cavitation and aid in filtration.

Aquaglide® 566 contains an exceptional biocide package that resists biological attack under even the most severe conditions.

Refractive Index

Concentration Percent	Dilution Ratio	Refractometer Reading
4%	25:1	3.0
5%	20:1	3.8
6%	16:1	4.6
7%	14:1	5.3
8%	12:1	6.1
9%	11:1	6.8
10%	10:1	7.6

Application Information

Application Type	Concentration
General Machining	4-6%
Heavy duty Machining	6-10%
Grinding	3-4%
<i>Consult with your U.S. Lubricants Specialist for application-specific recommendations</i>	

Features/Benefits

- In Process RP**
Provides excellent interim protection on parts and equipment
- Exceptional Sump Life**
Longevity of service reduces fluid costs as well as waste costs.
- Good Operator Acceptance**
Low skin irritation occurrence
- Clean Running**
Residue can be removed with Alkaline Cleaner
- Versatile**
Use across many application and substrates

Typical Properties

Property	Results
Appearance	Yellow
Appearance of 5% Dilution	Pale Yellow Solution
Odor	Low
pH (@5%)	9.5
Chlorine	Yes
Sulfur	No