

LUBRHOPHOS® LP 700

Unique low foam, super hard water resistant, anti-wear with low labeling for Synthetic fluids

Key Features & Benefits

- Great AW/EP, corrosion and staining inhibition performance
- Outstanding foam control and hard water resistance
- Eco friendly solution

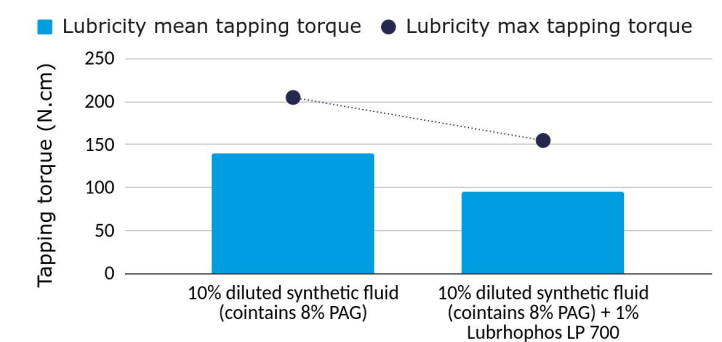


As the metalworking industry trends toward lighter alloys like aluminum, corrosion and staining inhibition becomes increasingly integral to high-performance fluid formulations. Another important aspect is that high-speed machining continues to increase in popularity and accessibility, driving the need for foam reduction and ingredients that provide enhanced defoaming. Hard-water compatibility also drives the industry forward, enabling fluid suppliers and formulators to develop high-performance fluids for an array of end-use applications.

Lubrhophos® LP 700 addresses all these trends, demonstrating very good anti-wear, corrosion control and staining inhibition performance in synthetic fluids, with an unique low foam behavior and hard water resistant.

Excellent Lubricity properties

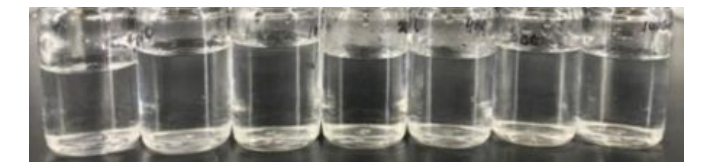
Addition of only 1% of Lubrhophos® LP 700 significantly improves lubricity.



Very tolerant to water quality

Lubrhophos® LP 700 is very stable in hard water and shows a clear solution at 0.25%wt up to 1000 ppm of water hardness. This brings more flexibility for users and cost savings as water does not need to be heavily treated.

ppm : 0 50 100 200 400 800 1000

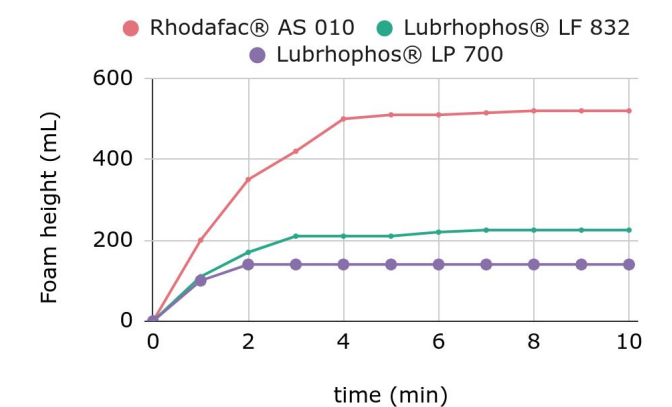


Test : 0.25%wt Lubrhophos® LP 700 in hard water pH=9.0, with TEA

Outstanding foam properties

In addition to its tolerance to water hardness, Lubrhophos® LP 700 also generate limited foam, as shown from the CNOMO test.

CNOMO test
0.1%wt in DI water, pH=9 (MEA); 1000mL/min



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