

DOVERPHO EP-425

Polymeric Phosphite Ester
for Metalworking Applications

DOVERPHOS EP-425, developed by Dover Chemical Corporation, is a revolutionary patented polymeric phosphite ester that excels in all metalworking applications.

Not only can it be incorporated in neat oils, but due to its strong resistance to hydrolysis, it can be used in various water-soluble coolants and semi-synthetic fluids.

ADVANTAGES AND BENEFITS

- ▶ **Light color and very low odor**
- ▶ **Stable in a wide variety of mineral oils, synthetic oils, and esters**
- ▶ **Extremely low acidity, thus reducing the possibility of staining to nonferrous alloys**
- ▶ **High Viscosity Index (VI) providing excellent boundary film at elevated temperatures**
- ▶ **Globally registered and REACH registered**

PERFORMANCE ASPECTS

- ▶ **Provides 30% reduced 4-Ball scar diameter compared to sulphurised esters**
- ▶ **Provides 30-40% reduced 4-Ball scar diameter compared to other phosphite and phosphate esters**
- ▶ **Higher efficiency over chlorinated, sulphurised, and other phosphorus-**



For more information, visit us at www.doverchem.com



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