



DOVERFLEX 100
Epoxidized Soybean Oil
Acid Scavenger

DOVERFLEX 100 is a viscous fatty derivative that offers inhibition and protection against the possibility of corrosion and/or staining of ferrous alloys by highly chlorinated cutting or forming oils.

When metalworking oils are formulated to contain chlorinated alkane, one always runs the risk of potential staining, especially in areas or times of high humidity, or when water contamination may occur. The chlorinated alkane degrades and generates hydrochloric acid (HCL) which causes the corrosion on the manufactured parts and/or machine.

DOVERFLEX 100 is recommended for incorporation into the cutting or forming oils, due to the targeted application, require the use of chlorinated alkanes as the primary EP performance package. The suggested treat levels of **DOVERFLEX 100** would be relative to the level of chlorinated alkane incorporated in the formulation.

	<u>% Treat</u>
1-5% Chlorinated Alkane	.25
5-10% Chlorinated Alkane	.5
10-20% Chlorinated Alkane	.75
>20% Chlorinated Alkane	1.0-1.5

TYPICAL PROPERTIES

Property	Result
Specific Gravity, (60/60°F)	0.99
Density (lb/gal)	8.25
Flash Point, °F (°C)	590 (310)
Appearance	Yellow liquid

The information contained on this data sheet is believed to be reliable. Since the conditions of application and use of our products are beyond our control, no warranty is expressed or implied regarding accuracy of the information, the results obtained from the use of the product, or that such use will not infringe on any patent. This information is furnished with the express condition that you will conduct your own tests to determine the suitability of the product for your particular use. (111912)

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