

# DeoAdd 1220

## EP-Additive

### Description

DeoAdd 1220 is a mixed on natural esters with high content of saturated fatty acids, and olefins. A combination of polar active sulfur and inactive sulfur provides the product with high load-carrying properties. The superb performance can also be used for water-miscible formulations.

Active sulfur content: 8 %

DeoAdd 1220 is free from Chlorine, heavy metals (Zinc).

### Application

DeoAdd 1220 is a high performance product for metalworking products. It is used for all medium alloyed steels and on nonferrous and light metals.

### Recommendations for use

The concentration of DeoAdd 1220 should be between 5% and 15%. Avoid permanent storage temperatures over 50°C.

### Typical Physical Properties

<b>Colour</b>	Dark amber	
<b>Sulfur [%]</b>	18,0 - 22,0	ASTM D 6481
<b>Density @ 20°C [kg/m³]</b>	920 - 960	ASTM D 7042
<b>Kinematic Viscosity @ 40°C [mm²/s]</b>	15 - 35	ASTM D 7042
<b>Flash point COC [°C]</b>	190	ASTM D 92
<b>Copper Corrosion*</b> [*10 % in paraff. oil]	1b	ASTM D 130

### Benefits

- Sustainable, based on renewable raw materials
- Best performance for a variety of formulations due to selected raw materials
- Reduced cost : higher production rates due to strong lubricity
- Suitable for aluminium and yellow metals
- Perfect combination with DeoAdd M types
- Improvement of AW- performance
- EP- Performance Additive
- Superb for Metal- working fluids

### Associated products

For optimal results, we recommend the DeoLube portfolio from EP / AW additives to corrosion protection packages. For more information, please contact our Customer Service Center.

### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control – we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

### Health and Safety

Safety data sheets are available in accordance with Regulations (EG) Nr. 1907/2006 Annex II and (EC) No. 1272/2008.

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