

# DeoPhos 218

## AW & EP-Additiv



### Description

DeoPhos 218 is an ashless Anti-Wear & Extreme Pressure additiv. In combination with light-coloured, low-odour sulfur carriers from DeoLube, e.g. DeoAdd M 16 and other additives a large number of formulations can be produced.

DeoPhos 218 gives a product a high performance pressureability with excellent AW- results.

DeoPhos 218 is free of Chlorine, mineral oil and heavy metals (e.g. Zinc).

### Application

DeoPhos 218 is a high performance additiv. It is possible to formulate lubricants for several applications, such as water-miscible, non-water-miscible metalworking fluids, multifunctional fluids,hydraulic oils and turbine- and industrial gear oils.

### Recommended for use

The concentration of DeoPhos 218 should be between 0.5 % and 3 %. Avoid permanent storage temperatures over 50°C.

### Typical physical properties

Colour	yellow	
Phosphor [%]	4.0 – 5.5	ASTM D 6481
Sulfur [%]	9.5 – 12.5	ASTM D 6481
Density @ 20°C [kg/m³]	1000 - 1040	ASTM D 7042
Kinematic Viscosity @ 40°C [mm²/s]	18 -22	ASTM D 7042
Flash point COC [°C]	>180	ASTM D 92
Copper Corrosion* [*10 % in paraff. oil]	1a- 1b	ASTM D 130

### Benefits

- Sustainable, based on renewable raw materials
- Best performance for a variety of formulations due to selected raw materials
- Reduced costs: higher production rates due to strong lubricity
- Mineral oil free
- Pefect combination with DeoAdd M types
- Improvement of AW- performance
- EP- Performance Additiv

### 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 dispolsal 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.

### Occupational 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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