

DeoPhos Zn 5

AW/AO/EP-Additive

Description

DeoPhos Zn 5 is a ZDDP, due to their polarity these corrosion protection additives adhere to the metal surface.

DeoPhos Zn 5 gives high performance pressureability with excellent AW- results.

DeoPhos Zn 5 is free of Chlorine

Application

DeoPhos Zn 5 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.

Recommendations for use

The concentration of DeoPhos Zn 5 should be between 0,5% and 5 % . Avoid permanent storage temperatures over 50°C.

Typical Physical Properties

Colour	light amber	ZDDP
Zinc [%]	9,0 - 13,0	ASTM D 6481
Sulfur [%]	18 - 23	ASTM D 6481
Phosphorus[%]	9,0 – 11,0	ASTM D 6481
Density @ 20°C [kg/m³]	1044 - 1250	ASTM D 7042
Kinematic Viscosity @ 40°C [mm²/s]	350 - 600	ASTM D 7042
Flash point COC [°C]	160	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 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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