

Technical Data Sheet

Name	Deophos 218	
Description	Antiwear/Extreme Pressure Additive	
Composition	sulfur-phosphor-compound free of mineral oil	
Appearance	light amber liquid	
Analytical values		
Total Sulfur (%)	ASTM D 1552 (LECO)	9.5 -11.5
Phosphorus Content (%)		approx. 4.5
Density at 15°C (g/cm ³)	DIN EN ISO 12185	1.01
Kinematic viscosity at 40 °C (mm ² /s)		
	DIN EN ISO 3104	15 - 20
Neutralization value (mg KOH/g)		
	DIN 51558 Part 1	max. 8.0
Flashpoint (°C)	DIN ISO 2592	approx. 160
Treat Rate	0.5 - 3.0	
Supply Form	190 kg in steel drums	
Shelf Life		
In originally sealed package at room temperature		min. 1 year

Application

Deophos 218 is a metal free antiwear and EP additive for ashless lubricants. In combination with light coloured, low odor sulfur carriers, like DeoAdd M 16, and other additives it is possible to formulate lubricants for several application, such as watermiscible, non watermiscible metalworking fluids, multifunctional fluids, hydraulic, turbine and industrial gear oils.

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