

Oxidized Petrolatum WH-1

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Product Description

Oxpet WH-1 is a first intent oxidized petrolatum. It is recommended for use as a rust preventative. It is designed to provide excellent rust protection in formulating industrial lubricating oils, greases, hydraulic fluids, slushing oils and various other protective compounds. With its non-staining characteristics, this product is ideally suited for formulations that call for a high level of rust protection.

Nominal dosages would range from 0,1 to 5.0 wt.% of the finished lubricant. Oxpet WH-1 is compatible with most mineral base oils, white oils and synthetic base stocks.

The acids present in the Oxidate can be neutralized with bivalent metaloxides, e.g. Calcium-hydroxide, giving end-products of a high molecular weight and wax-like nature with excellent water-resistant and anti-corrosion.

Physical Properties

Properties	Unit	Test Method	Specification
Total Acid Number	mg/KOH/g	ASTM D 664	48 - 53
Relative Density at 100°C	kg/m ³		850 - 950
Saponification Number	mg/KOH/g	DIN 51559	110 (typical)
Congealing Point	°C	ASTM D 938	55 - 65
Ash Content	wt, %	ASTM D 482	max. 0.5
Colour, dilute		ASTM D 1500	8.0 (typical)
Flash Point. COC	°C	ASTM D 92	min. 150

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