

Oxidized Petrolatum[®] LA 1531-20

Oxidized Petrolatum

▪ Product Description

Oxpet LA 1531-20 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 LA 1531-20 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	17 - 22
Density at 100°C	kg/m ³	ISO 3838	800 - 900
Saponification Number	mg/KOH/g	DIN 51559	47 (typical)
Congealing Point	°C	ASTM D 938	40 - 50
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

Revision date: June 1, 2015

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