

Oxidized Petrolatum[®] WH-6

Oxidized Petrolatum

Product Description

Oxpet WH-6 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-6 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 | 42 – 47 |
| Saponification Number | mg/KOH/g | DIN 51559 | 105 (typical) |
| Density at 100°C | kg/m ³ | ISO 3838 | 850 - 950 |
| Congeeing 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 |
| Sediment | MI/100 g | | 0.3 (typical) |

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