

SPO SLACK WAX – TECHNICAL DETAILS

(SPO) Slack Wax

Product overview: Slack Wax is a mixture of oil and wax obtained from lubricating-oil processing through solvent dewaxing/filter-pressing.

SPO – Typical Technical Specification

Property	Test Method	SPO Specification	Unit
Specific Gravity at 70°C	ASTM D-1298	0.770 – 0.830	
Kinematic Viscosity at 100°C	ASTM D-445	3.10 – 4.20	cSt
Flash Point	ASTM D-93	Min. 145	°C
Oil Content	ASTM D-721	Max. 28.00	% wt
Melting Point	ASTM D-87	47.0 – 53.0	°C
Congeeing Point	ASTM D-938	46.0 – 53.0	°C
Sulfur Content	ASTM D-1552	Max. 0.30	% wt
Colour	ASTM D-1500	Max. L1.0	ASTM Colour

Product Composition / Identification

- Product: Slack Wax (SPO)
- Primary constituents reported in the Pertamina SDS: paraffinic wax (minimum 72%) and highly-refined mineral oils (maximum 28%).
- Physical form: Slack Wax is described by Pertachem as being produced in liquid form; commercially, SPO slack wax may be supplied as a wax/oil mixture.

Applications

Slack Wax is raw material for microcrystalline wax which is used as adhesive for document sealing, candle, cosmetic in the form of cold cream, vanishing cream, emollient cream, protective cream, sunscreen cream, lipstick, cream rough, eyebrow pencils, shaving cream, electric insulation, hot melt adhesives, polish, paper cups, lamination, rubber antiozonant, and chewing gum. Slack Wax is also used as raw material for carbon paper and for wrapping paper with good grade quality.