



Asia Petrochemicals LLC

## White Oil LLP 15

### PRODUCT DESCRIPTION

White mineral oils are a highly complex mixture of paraffinic and naphthenic hydrocarbons and are available in a wide variety of viscosity & specific gravity ranges. Because of their extreme purity, these oils may be employed where less highly refined products would be unsuitable. They are among the most versatile petroleum products and are used in a wide variety of applications from pharmaceuticals to cosmetics to plastics to food processing to Lubricants.

### APPLICATIONS:

White Mineral Oils are extensively used as bases for pharmaceuticals and personal care products. The inertness of the product offers properties such as good lubricity, smoothness and softness and resistance to moisture in the formulations. The products are also used in the Polymer processing and plastic industry such as polystyrene, polyolefin and thermoplastic elastomers.

**Packing:** Bulk, Flexi and 162/165Kgs Drums in plastic & steel

PROPERTY	UNITS	METHOD	RESULT
<b>Saybolt Color of Petroleum Products</b>			
Saybolt Color	----	ASTM D156	+30
Dynamic Viscosity @ 20°C	cPs	ASTM D445-12	20.66
Kinematic Viscosity @ 40°C	cSt	ASTM D445	13.61
Cleveland Flash Point (Open Cup)	°C	ASTM D92	180
Pour Point	°C	ASTM D97	-36
Specific Gravity at 25°C	----	ASTM D1298	0.8383
Water Content	ppm(m/m)	ASTM D6304 (Procedure A)	24
<b>Elements in used Lube Oils and Base Oils by ICP-AES</b>			
Sulphar (S)	mg/kg	ASTM D5185	<1
Lead (Pb)	mg/kg	ASTM D5185	<1
Iron (Fe)	mg/kg	ASTM D5185	<1
Cadmium(Cd)	mg/kg	ASTM D5185	<1
Arsenic Content	mg/kg	ASTM D5185	<1
Dielectric Breakdown Voltage	Kilovolts	IEC 60156	<25
Acid Number	Mg KOH/g	ASTM D974 (Procedure A)	0.5
Solubility			Passes USP/BP
Acidity/ Alkalinity			Passes USP/BP
Light Absorbance @ 240-280 nM		0	0.1

For further information please visit <http://www.asia-petrochem.com> or send an enquiry to [info@asia-petrochem.com](mailto:info@asia-petrochem.com)

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