



# R K PETROLEUMS

Where Quality Comes First



## HEAVY LIQUID PARAFFIN

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# ARKO HEAVY LIQUID PARAFFIN

ARKO Heavy Liquid Paraffin Oils are produced from highly refined hydro-cracked / hydro-treated base oil with a high degree of purity to meet IP / BP / USP standards. They have excellent oxidation / UV stability and are suitable for application in pharmaceuticals, cosmetics and food industries for direct and indirect food contact.

Heavy Liquid Paraffin having usage in wide range of industries like Paint Stripper, Rubber Process Oils, In Plastic Industry as plasticizer for PS, PVC, VA, ABS & other plastic compound manufacturing and processing. The second important use of heavy liquid paraffin is in rubber parts and automotive floor mats. The usage is not limited here electrical companies are using it for making cables and other electric components.

## TYPICAL CHARACTERISTIC

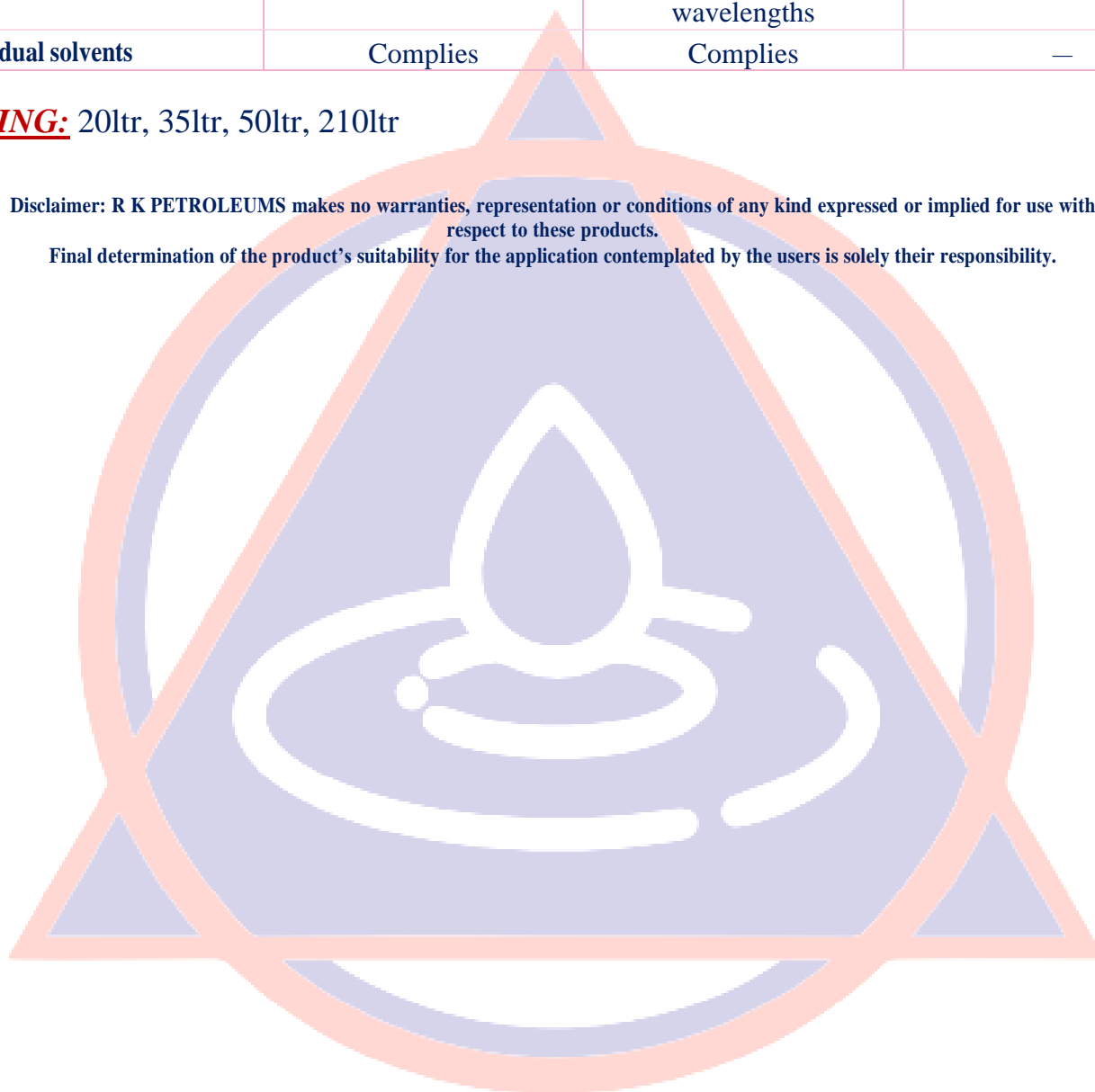
Sr. No.	Characteristics	As per IP standards	As per BP standards	As per USP standards
1	<b>Description</b>	Colourless, transparent, oily liquid; free from fluorescence by daylight; almost odourless when cold	Colourless, transparent, oily liquid; free from fluorescence by daylight	Colourless, transparent, oily liquid; free or practically free from fluorescence; odourless and tasteless when cold; emits very faint odour of petroleum when heated
2	<b>Solubility</b>	Complies (practically insoluble in water)	Practically insoluble in water; slightly soluble in ethanol (96%); miscible with hydrocarbons	Insoluble in water and in alcohol; soluble in volatile oils; miscible with most fixed oils except castor oil
3	<b>Identification</b>	—	A) Infrared absorption spectrum is concordant with reference spectrum of liquid paraffin  B) Red in aqueous phase  C) Complies with viscosity test	A) Infrared absorption spectrum is concordant with the IR spectrum obtained from mineral oil reference standard / working standard  B) —  C) Complies with viscosity test
4	<b>Specific gravity</b>	—	—	0.845 – 0.905
5	<b>Acidity / alkalinity</b>	Complies	< 0.1 ml of 0.1 M sodium hydroxide is required	< 1.0 ml of 0.01 N sodium hydroxide is required
6	<b>Dynamic viscosity at 20 °C</b>	110 - 230 mPa-s	—	—
7	<b>Dynamic viscosity</b>	—	110 – 230 mPa-s	—
8	<b>Viscosity</b>	—	—	34.5 – 150.0 cSt
9	<b>Relative density at 25 °C</b>	—	0.827 – 0.890	—
10	<b>Light absorption at 240 – 280 nm</b>	0.10 max.	—	—
11	<b>Readily carbonisable substance</b>	Lower layer remains lighter coloured than standard solution	Lower layer remains lighter coloured than standard solution	The oil may turn hazy but remains colorless, or turns slightly pink or yellow; the acid does not become darker than standard solution

12	<b>Solid paraffins</b>	0.5 mm line visible	0.5 mm wide black line is visible against a white background held vertically behind the tube	0.5 mm wide black line is visible against a white background held vertically behind the bottle
13	<b>Sulphur compounds</b>	Complies	—	Does not turn dark brown
14	<b>Polycyclic aromatic hydrocarbons</b>	N. A.	Absorbance of test solution remains < 1/3rd that of reference solution at 275 nm, throughout 260 – 420 nm wavelengths	Absorbance of sample solution remains < 1/3rd that of standard solution at 275 nm throughout the range of 260 – 350 nm
15	<b>Residual solvents</b>	Complies	Complies	—

**PACKING:** 20ltr, 35ltr, 50ltr, 210ltr

Disclaimer: R K PETROLEUMS makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products.

Final determination of the product's suitability for the application contemplated by the users is solely their responsibility.





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## MANUFACTURERS OF:-

- |                  |                     |
|------------------|---------------------|
| ❖ HYDRAULIC OILS | ❖ SILICONE EMULSION |
| ❖ CUTTING OILS   | ❖ GREASES           |
| ❖ MACHINE OILS   | ❖ GEAR OILS         |

## TRADERS & MARKETERS OF:-

- |                       |                       |
|-----------------------|-----------------------|
| ❖ LUBRICATING OILS    | ❖ PETROLEUM JELLY     |
| ❖ L.D.O & FURNACE OIL | ❖ WAXES               |
| ❖ RUBBER PROCESS OILS | ❖ INDUSTRIAL SOLVENTS |
| ❖ BASE OILS           | ❖ PLASTISIZERS        |
- ❖ ALL TYPES OF RAW RUBBER

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