

FARMOL (RANGE)

MEDICINAL WHITE OIL

DESCRIPTION

Paraffinic mineral oil (liquid paraffin) meeting the specifications of main pharmacopoeias.

APPLICATIONS

It is suitable in cosmetic and food applications and as a lubricant or release agent where there is a possibility of incidental contact with food, cosmetics, medicines, etc.

Also suitable for fog lubrication (FARMOL 22, NL and 33).

Suitable for use as thermal oils in enclosed circuits up to a working temperature of 325°C (FARMOL 33), in applications where a food-grade oil is required.

PROPERTIES

- Non toxic.
- Good antioxidant and lubricant behaviour.
- Absolutely clear and colourless.

QUALITY LEVEL:

European Pharmacopoeia, 9th edition

FDA {21 CFR 172.878 y 178.3620 (a)}

US Pharmacopoeia, USP 42-NF37

British Pharmacopoeia, 2019 edition

Classified by NSF 3H-H1 / HALAL / KOSHER



TECHNICAL CHARACTERISTICS

	Method	Typical values				Units
		22	NL	33	55	
ISO VG		22	NL	33	55	
Appearance		Transparent colorless				
Density at 15°C.	ASTM D-1298	0,84	0,842	0,85	0,865	gr/cm ³
Viscosity at 20°C.	ASTM D-445	40	48,7	83,2	205	cSt
Viscosity at 40 °C	ASTM D 445	16	22,67	30,68	68	cSt
Viscosity at 100°C.	ASTM D 445	3,8	4,67	5,28	9,2	cSt
Saybolt color	ASTM D 156	+ 30	+30	+30	+30	-
Pour point	ASTM D-97	-12	-12	-12	-12	°C
Flash point	ASTM D-92	190	195	195	220	°C
Refractive Index	ASTM D 1218	1,466	1,47	1,474	1,48	-
Insulfonable residue	ASTM D 483	100	100	100	100	%
Hydrocarbon distribution:						
Paraffinic hydrocarbons		64	63	63	62	%
Naphtenic hydrocarbons		36	37	37	38	%
Aromatic hydrocarbons		0	0	0	0	%
Nº Register NSF		149125	155741	149172	149173	
Nº Register Halal	IH-682/2.4/B/76	/1/1	/3/2	/3/1	/1/2	

The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support. COGELSA is not liable for damages caused by improper use of the product.

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HANDLING AND STORAGE

Handling not subject to special requirements. Throughout the lifespan of the product:

- Store separately from other lubricants, chemicals or foodstuffs.
- Protect from sunlight or other heat sources.
- Store at temperatures from 1°C up to +40°C.
- Keep container closed after opening.

The expiry date is 48 months from date of manufacture.

For further information and more product details, packaging and safety data sheets, please refer to our website www.cogelsa.com or contact us at: info@cogelsa.com or export@cogelsa.com

REV: 11/23

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