

TDS: (Technical Data Sheet)



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Global SNMO-20
Article No.: 2023-24-1

Ref# GBL-SNMO-2023/01

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GLOBAL SNMO-20

Is a purified white oil mainly used as a maintenance oil for keeping sinkers and needles net and clean and rust free for long term storage.

DESCRIPTION:

Global SNMO oils are high-performance needle and sinker maintenance oils based on highly refined mineral white oils and synthetic ester blended with selective agents. This oil also contains special additives which meets the demand of operating requirements in today's knitting industries.

Because of the high purification on moisture controlling process along with perfect mixing of other ingredients, this oil ensures resistance of air moisture on top of the sinkers and needles metal surface, which actually the main reasons for formation of oxidation.

APPLICATION:

Global SNMO oil is highly recommended for sinkers, needles and non-operated knitting machines which needs to keep stored for short time and long term period. For the basic maintenance work, applicant can use it by following proper machine manuals/recommendations.

Global SNMO Oils are available basically in ISO VG 15 and 20 viscosity grades. Please observe the machine manufacturer's viscosity recommendations.

PROPERTIES:

- Special formulation based on mineral oil with product-specific agents; ensure high product quality.
- High oxidation resistance, excellent aging stability limiting stains, sludge and sediment formation
- Maximized shelf life for key stitch forming parts such as needles, sinkers and tuck cams
- Ground breaking anti-wear technology, protecting your machine from wear and corrosion.
- Suitable for oil circulation systems in hosiery knitting machine
- Biodegradable and safe for skin.

COMPOSITION:

- Mineral based white oil (high refined oil).
- Synthetic ester.
- Anti-rust agent &
- The other selective agents.

Advantage:

- Long time storage of sinkers and needles.
- Keep sinkers and needles metal safe from rust formation during storage.
- Keep knitting machine cylinder and dial smooth and rust free during longtime discontinuance production.
- Enhance sinkers, needles and cams long durability.

The statements made in this publication are according to our present knowledge. They do not absolve the user from own examinations. A legally binding assurance of certain properties or suitability for a specific use cannot be derived from our statements. Possibly existing laws and regulations concerning the handling and use of our products have to be observed by the receiver of our products himself.

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TECHNICAL CHARACTERISTICS:

Srl No	Characteristics	Unit	Test Method	Specification	
				Min.	Max.
1	Appearance	-	Visual	Colourless, transparent, oily liquid	
2	Solubility	-	EP / BP	Practically insoluble in water	
3	Color, Saybolt	-	ASTM D 156	+30	-
4	Kinematic Viscosity at 40°C	cSt	ASTM D 445	14.5	16.5
5	Dynamic Viscosity at 20°C	mPas	EP / BP	25	35
6	Flash Point, (COC)	° C	ASTM D 92	150	-
7	Pour Point	° C	ASTM D 97	-	-15
8	Relative Density at 20°C	-	EP / BP	0.820	0.875
9	Acidity or Alkalinity	-	EP / BP	Not more than 0.1 ml of 0.1 M NaOH	
10	Readily Carbonisable Substances	-	EP / BP	Pass	
11	pH value	-	6.00	7.00	
12	Polycyclic Aromatic Hydrocarbon	-	EP / BP	Pass	

APPLICATION NOTE:

It recommended to use any branded cleaning oils to clean sinkers and needles first and dry it and store it on dry container and pour the SNMO oil until it completely sink.

PACKING:

20 Ltr. Pail/Gallon
05 Ltr. Gallon
01 Ltr. Bottle

STORAGE:

Recommended storing temperature: + 10°C to +40°C. The shelf life is approx. 12 months if the product is stored in the original closed container in a dry place.

HEALTH, SAFETY & ENVIRONMENT:

Based on available data from MSDS of ingredients used in the product, this product is not health hazardous. However, proper precautions should be taken to avoid long-term skin contact, exposure or accidental effect.

DECLARATION:

Global SNMO Oils are purified white oil recommended for sinkers, needles for keeping air/moisture contact free to avoid rusting and related damage. Though sinker and needle damage happens for many undefined causes so that we cannot give any guarantee for the 100% accuracy on this process, but as it clinically approved that this oil resist sinker and needle metal surface from air/moisture during the metal remain liquidate/drown under prescribed amount of oil. Please maintain good clean environment during preparation of sinkers and needles for keeping under bath on this oil, make sure no contaminated oil, water or rust remain on any sinkers and needle, these may cause affected other materials.

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