



Standard and Feature of

SS VERT

Knitting Oil



SS VERT Knitting oil



Description

In general, the lubricating oil from Paraffin and Naphthen produced with careful attention is 'Super Base' which it uses for Surfactant and is a premium product by using the multiple-purpose for maintaining a high quality.

Further, it especially has a good function for the high-speed knitting machine to prevent 'Gum-up' between Needles and Cam from the tough friction and high-speed spinning. Not only this fuction but, there are a few things to make the

knitting environment stable from heating and minimize over-working in the machine

All things are effective for producing high-quality fabric as using this product.

In addition, the pollution from fabric-dust and s serious vibration can be reduced by using this product as well it has a ccleaning-fuction for internal machine Lastly, this product is the environmently-friendly (except Nonyl Phenyl) not to affect the

quality of water

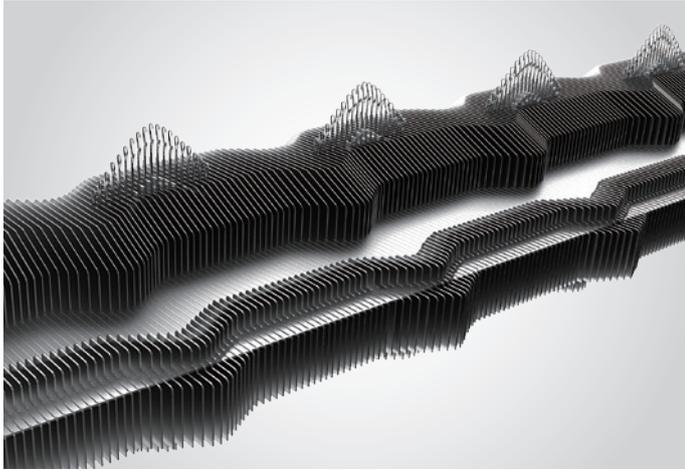
Please note that Nonyl Phenyl has been appointed to the regulation of consumption sice End of 2009 and the new product has been developed for prevetion of 'Hume' from external temperature

Feature of product (properties)

- 1 Excellent Heating- Stablity and Oxygenation-Stablity (unfading) by using refining product 'Super Base'
- 2 Excellent prevention against corrosion and rust from Machine and Needles through a thorough PH control
- 3 To minimize the friction on a lubricating surface between metals by using synthetic surfactant and it extends to the
- 4 life of Machine, Needle and Cam as well 'Gum-Up' does not occure by reducing a blazing fire and carbonization
- 5 Not to ger th spots by an excellent cleaning ability as well it prevents the deposit at the bottom
- 6 The function applied for cleaning and lubricating at the same time takes old 'Gum-up' (Abnormal material) out excellently
- 6 Whenever the users require the quality-project and new product, we are ready to offer it to the users



SS VERT is good excellent performant knitting oil. This is also high quality knitting oil which protects all delicate machinery and parts in knitting machine.



anti static



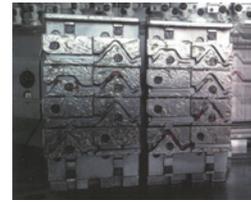
non freezing



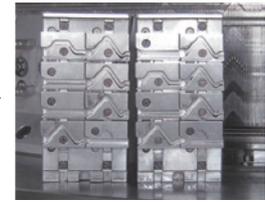
non staining

Comparison With Competitors

Before



After



Compare test result for knitting oil

2016.06.02

Test items	SS VERT	KLUBER	ARCHROMA	METHOREL	SNOGEN	UNIT	Test Method	
APPEARANCE	Colorless or yellowish liqui	Yellowish liquid	Yellowish liquid	Yellowish liquid	Yellowish liquid	25°C	QAM-1017	
pH(10%)	7.1	5.6	5.0	5.3	5.2	25°C, D.I.Water	QAM-1021	
SOLUBILITY (10%)	Good	Good	Good	Good	Good	25°C, D.I.Water	QAM-1027	
SOLUTION APP (10%)	M/W	M/W	M/W	M/W	M/W	25°C, D.I.Water	QAM-1027	
SPECIFIC GRAVITY	0.868	0.862	0.854	0.850	0.86	25°C	QAM-1022	
VISCOSITY	23.0	22.2	22.2	18.2	23.4	40°C, cst	QAM-1023	
ACTIVE CONTENT	THERMAL LOSS	98.53%	99.87%	99.65%	98.9%	98.28%	105°C×1hr	QAM-1024
	KARL FISHER	99.8%	99.9%	99.8%	99.4%	99.0%	Karl Fisher	QAM-1025
APPEARANCE OF STABILITY AT HIGH TEMPERATURE	Stable over 120°C	Stable over 120°C	Murky at 100°C	Murky at 70°C	Murky at 70°C			

Scouring and de-oiling test of knitting oils

1. Before scouring test

2016.09.07

Oil Name	Oiling fibre(g)	Flask weight before test (g)	Flask weight after test (g)	Distinction of weight (g)	OPU in fibre (%)
SS VERT	10.7243	129.6455	129.7329	0.0874	0.8150
KLUBER	9.4430	103.7143	103.7900	0.0757	0.8017
CONTEX CK	10.2522	101.2711	101.3603	0.0892	0.8701
Indonesia oil	10.2717	106.2718	106.3627	0.0909	0.8850

2. After scouring test

Oil Name	De-oiling fibre(g)	Flask weight before test (g)	Flask weight after test (g)	Distinction of weight (g)	OPU in fibre (%)
SS VERT	10.0350	109.6856	109.6887	0.0031	0.0298
KLUBER	10.5201	110.2058	110.2089	0.0031	0.0295
CONTEX CK	10.2890	105.2511	105.2553	0.0042	0.0408
Indonesia oil	10.2583	120.2505	120.2549	0.0044	0.0429

3. Oil extraction test condition

Lap temperature	25°C
Test tools	SOXHLET Flask, Thimble Filter, Chemical balance, Water bath
Extraction method	SOXHLET METHOD
Extraction solvent	PETROLEUM ETHER
Extraction temperature	65°C ~ 75°C

4. Method of Scouring test

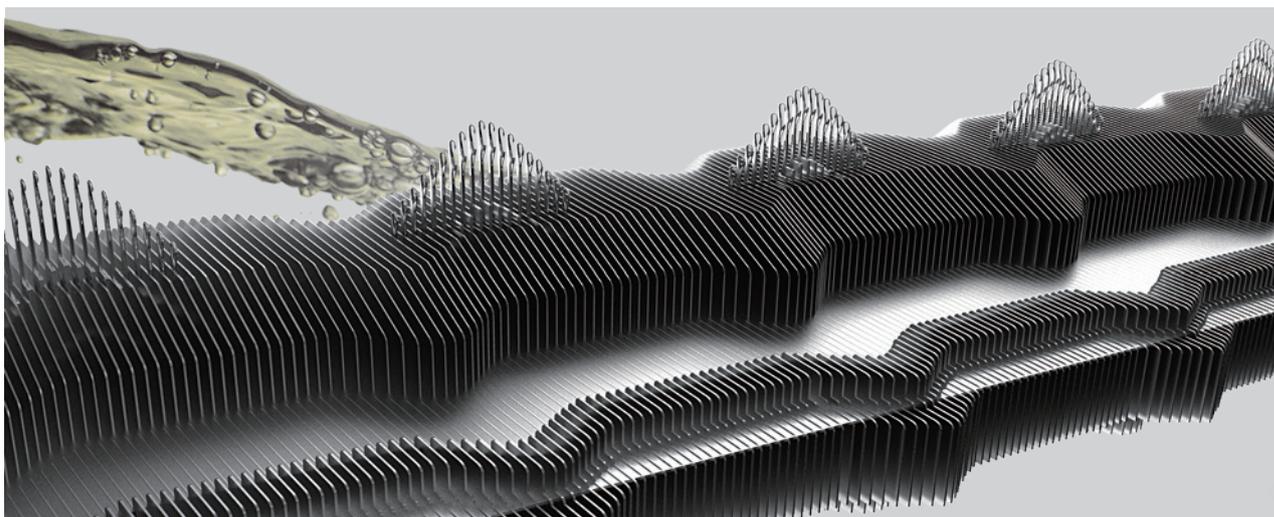
- Put the fibre in 70~80°C Deionic water with 0.5g scouring agent and 0.5g NaOH for 2minutes.
- Put the Scouring fibre in 25°C clean water for 30seconds. (Repeat 2times)
- Dry fibre at 100°C oven.
- Measure the amount of oil in the scouring fibre.





COMPANY HISTORY

Manufacturing High Quality Speciality Lubricants



Company Profile

Synthesized Lubricants made from natural oils are renewable resources, which are biodegradable, eco-friendly, non-toxic and have better Lubricating properties. They have wide application in varied industries, especially the textile.

SS VERT is founded in 1983 to meet all the possible requirements of maintaining highly sophisticated

and state of the art textile and other machinery SS VERT is an ISO 9001 certified company, and since inception, it has registered a commendable position in its arena.

We are a leading and acknowledged manufacturer of speciality lubricants.

Our range of energy saving spindle oil, synthetic knitting oil, non-staining stitching oil, high temperature chain

oil, spinnerette spray for nylon and polyesters, needle and cam cleaner, etc. for the spinning and knitting industry have made a mark in the domestic market.

Feature



Eco-friendly

Eco-friendly and biodegradable in nature



Increased productivity

Increases the productivity by delaying the process of wear and tear of machinery



Cost-effective



Energy saving



Better solutions

Better solutions in maintenance and operation

Infrastructure

- Latest manufacturing facility conforming to international standards
- Full-fledged oil blending and grease manufacturing plant, fully equipped with quality control laboratory and aerosol filling lines
- Stringent testing to ensure quality as well as flawless output
- Team of highly qualified and competent professionals dedicated to run the operations
- A family of technocrats having vast and extensive experience in the field of chemistry and engineering

