

## **MOL-KNITTING Y Series**

### **Product Description:**

**MOL-KNITTING Y** series are based on hydrocracked colorless base oil that is produced with a different method than the distillation of crude oil. MOL-KNITTING Y series meets the most demanding requirements of the modern knitting machines. The special additives inside provide improved wear protection. MOL-KNITTING Y series is easily scour able with modern, environmentally sound washing liquors. MOL-KNITTING Y series provides excellent corrosion protection and are partly biodegradable.

### **Features:**

- Good wear protection.
- Scour able with conventional washing liquors.
- Good dampening effect, less needle breakage.
- Low friction resistance.
- Longer service life of stitch-forming elements and less maintenance.
- Contributes to savings in energy and operating costs.

### **Applications:**

- Used on needles, sinkers, needle cams, needle cylinders, dials and sinker rings.
- Suitable for all applications on hosiery, circular and flat-bed knitting machines.

### **Health, Safety and Environment:**

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection point
- For more information, please see the Material Safety Data Sheet (MSDS).

### **Storage Conditions:**

- Should be stored sealed under normal conditions.
- Shelf life in original package and at room temperature is 2 years

### **Packing Available in:**

- 20 Lit                      - 208 Lit
- 1000 Lit

## Physical and Chemical Conditions:

<b>MOL-KNITTING Y</b>	<b>Test Method</b>	<b>22</b>	<b>32</b>	<b>46</b>
<b>Appearance</b>	-	B & C	B & C	B & C
<b>Color, Say bolt</b>	<b>ASTM D 156</b>	+28	+28	+28
<b>Density @ 15°C, g/cm3</b>	<b>ASTM D 1298</b>	0.82	0.825	0.83
<b>Kinematic Viscosity @ 40°C, cSt</b>	<b>ASTM D 445</b>	22	32	46
<b>Viscosity Index</b>	<b>ASTM D 2270</b>	131	135	139
<b>Flash Point, COC, °C</b>	<b>ASTM D 92</b>	230	243	264
<b>Pour Point, °C</b>	<b>ASTM D 97</b>	-36	-30	-23
<b>Sulfur Content, weight%</b>	<b>ISO 14596</b>	<5	<5	<5
<b>Noack Volatility 1 hour @ 250°C, weight%</b>	<b>ASTM D 5800</b>	12	7	2
<b>Recommended Fein Interval</b>	-	22-28	18-28	10-18
<b>Lubricating Properties</b>	-	Superior	Superior	Superior
<b>Washability 45 mins @ 80°C</b>	-	Very good	Very good	Very good
<b>Emulsion Type</b>	-	Milky	Milky	Milky

\*Meets the requirements of the OEM manufacturer.

\*The stated values can fluctuate within the normal range.

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