

Performance Par Excellence

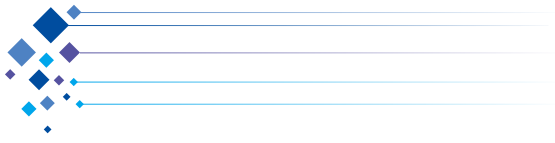
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Stay Ahead



Textile Machinery Lubricants

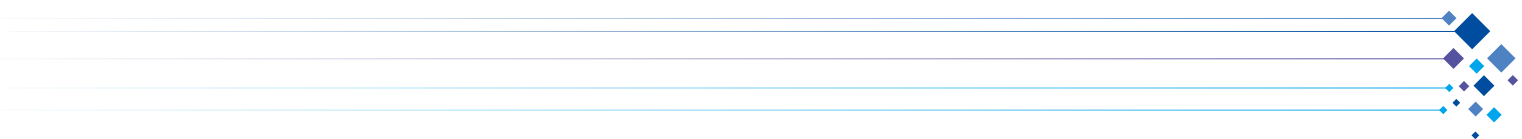
Industrial Oils

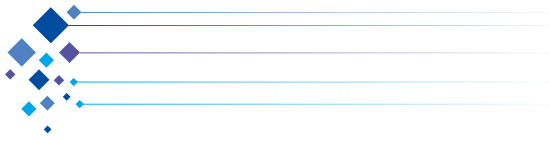
divyol
solutions within solutions



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WIDE RANGE OF INDUSTRIAL OILS



TEXTILE MACHINERY LUBRICANTS

lubricating the production process

Textile Oils: across-the-board performance

We offer a range of textile lubricants that ensure smooth operations all along the textile production line, from spinning to knitting, weaving, and finishing. All machinery and moving components, including stenter frames, are lubricated to perform without a hitch.

Loom Oils: groomed for the loom

Divyol loom oils comprise a range of lubricants designed exclusively for textile looms. As these oils have adequate film forming properties, they provide better lubrication in all-loss systems.

Knitting Oils: lubrication combined with protection

These oils are manufactured from a combination of high-quality HVI solvent-extracted dual hydrogenated paraffin base oils that have good lubricity and oxidation stability and offer good protection against rust. These oils can be removed without the use of commercial washing liquors or caustic cleaning agents.

Spindle Oils: the lightweight champion

Divyol Spindle Oils have been developed to meet the requirements of high-speed spindles of machine tools, plain and anti-friction bearings of textile spindles, and other hydraulic applications of precision machines where a light-bodied oil is needed.



DIVYOL KNITTING OILS VG 22 / VG 32

Applications:

Divyol Knitting Oils VG 22 and VG 32 are specially formulated blends comprising high quality light colored mineral oils and select additives. These oils are recommended for the lubrication of automatic circular knitting machines that are used in modern knitting industry to manufacture a variety of hosiery fabrics. In this automated knitting process, numerous fibers emerge from small guided holes at the top of the machine. The interlacing of the fibers takes place with the continuous movement of one fiber, which moves horizontally in circular motion, and a cylinder shaped 'grey' cloth is produced. For the lubrication of these machines, the industry recommends knitting oils with viscosity grade VG 22 and VG 32.

Advantages:

The blend of Divyol Knitting Oils prevents sludge and acid formation which reduce machine efficiency. These oils also have superior lubricity and non-foaming properties. By providing excellent lubrication, Divyol knitting oils protect moving parts, helping to reduce downtime and energy loss. The additives in it impart anti-wear, anti-rust qualities and enable scouring. These excellent oxidation stability and anti-wear properties combine to extend the service life and productivity of the automatic circular knitting machines. Its enhanced colour stability ensures minimal fabric staining and its high emulsibility makes it washable, thus helping to reduce cost of manufacture. In application by a mist lubrication system, there is also a lesser chance of excess or stray mist.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Knitting Oils	
			VG 22	VG 32
1	Appearance	Visual	Bright and clear	Bright and clear
2	Colour, max.	ASTM D 1500	0.5	L 0.5
3	Flash point, COC, °C, min.	ASTM D 92	200	200
4	Kinematic viscosity at 40 °C, cSt, min.	ASTM D 445	22	32
5	Emulsion stability 10 % solution in soft water	ASTM D 1479	Milky white	Milky white
6	pH of 10 % solution in T/W, min.	-	7.1	7.1
7	Copper strip corrosion test at 100°C, for 3 hrs.	ASTM D 130	1	1

The above properties are typical values and do not constitute specification of the product.

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DIVYOL LOOM OILS

Applications:

Divyol Loom Oils are a series of lubricants specifically formulated for oil loss systems of textile looms. These blends are recommended for non-critical oil loss lubrication systems of textile and other looms which do not require additive containing oil. Divyol Loom Oils can also be used for other oiling applications of some equipment.

Standards:

Divyol Loom Oils have been formulated to perform well both for boundary as well as full fluid lubrication conditions. They possess adequate film forming property and provide better lubrication.

These oils conform to IS: 493 (Part 1):1981 [Reaffirmed 2004] performance specifications.

Advantages:

Divyol Loom Oils possess inherent oxidation and thermal stability which makes them effective protection against corrosion. They are light in colour and user-friendly.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Loom Oils		
			220	320	460
1	Appearance	Visual	Opaque	Opaque	Opaque
2	Colour, max.	ASTM D 1500	3.5	4.0	5.0
3	Kinematic viscosity at 40 °C, cSt, min.	ASTM D 445	200 – 240	300 – 350	400 – 500
4	Flash point COC, °C min.	ASTM D 92	240	250	260
5	Pour point, °C, max.	ASTM D 97	-3	-3	-3

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DIVYOL SPINDLE OILS

Applications:

Divyol Spindle Oils are premium quality lubricating oils specially formulated for high speed spindles.

These oils are recommended for the lubrication of textile and machine tools, spindle bearings, timing gears, centrifugal separators, positive displacement blowers and the hydraulic systems of certain high precision machine tools.

Standards:

Divyol Spindle Oils are manufactured from highly refined base oils that possess excellent chemical and oxidation stability. The blend's performance conforms to IS: 493: 1993 reaffirmed 2004 specifications.

Advantages:

The blend of Divyol Spindle Oils is further fortified with select oxidation and rust inhibitors which protect the bearing surface from rusting and corrosion even in the presence of moisture. The oil has good oil film strength, demulsibility, high chemical stability and lower fluid friction properties.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Spindle Oils					
			2	5	10	12	15	22
1	Appearance		Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Kinematic viscosity at 40 °C, min.	ASTM D 445	2.45	4.5 – 5.5	9 – 11	11 – 13	14 – 16	20 – 24
3	Flash point, COC, °C, min.	ASTM D 92	90	95	140	150	150	180
4	Pour point, °C, max.	ASTM D 97	0	-6	-6	-6	-6	-6
5	Viscosity index, min.	ASTM D 2270	85	85	85	85	85	85

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Gandhar Oil Refinery (India) Limited

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, GMP Certified, NABL Accreditation and Government Recognized Three Start Export House

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Plants

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