

Alusynt[®] Texil SL

PRODUCT	<p>Colourless synthetic fluids, specially developed as high performance lubricants for spinning ring/traveller contacts and high-precision components in the textile industry in general.</p> <p>Aluchem products and plants have been also Kosher certified.</p>
PROPERTIES	<p>Alusynt[®] Texil SL are lubricants specially designed for lubricating machinery in contact with yarns and fabrics.</p> <p>Alusynt[®] Texil SL are anti-static, to prevent collection of dirt and to ensure smooth and clean lubrication of high precision components in spinning and knitting machinery.</p> <p>Alusynt[®] Texil SL solves the heavy and costly problem of the lubricant's stainability, if it contaminates the fabrics and objects, since it is sufficient for a normal wash to remove any traces without leaving any traces.</p> <p>They exhibit high lubricity and outstanding anti-wear and oxidation resistance. The low static and dynamic friction coefficients and the very high Viscosity Index of Alusynt[®] Texil SL fluids help to increase efficiency whilst improving the components' life and minimising oil consumption.</p>
APPLICATION	<ul style="list-style-type: none"> • Spinning rings, both sintered and machined. • Needles and plates in knitting machinery and similar applications. • Cylinders and needles in hosiery machines. • Needle Foot on Straight Machines. • High-precision components in general.
COMPATIBILITY	<p>Alusynt[®] Texil SL are fully compatible with all metals, elastomers and paints normally used in machinery; they are also fully compatible and miscible in all proportions with both mineral and synthetic lubricants, with the only exception of those based on poly-alkylen-glycols (PAG).</p>

P.T.O.

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Technical Data	Method	Unit	Typical values			
			10	22	32	46
ISO VG grade	ASTM D 2422	-	10	22	32	46
Colour	-	-	colourless	colourless	colourless	colourless
Specific Gravity at 20°C	ASTM D 1298	g/cm ³	0,840	0,835	0,840	0,845
Kinematic Viscosity at 40°C	ASTM D 445	mm ² /s	10,22	22,74	33,03	46,08
Kinematic Viscosity at 100°C	ASTM D 445	mm ² /s	2,77	4,65	5,84	7,51
Viscosity Index	ASTM D 2270	-	115	123	120	128
Pour Point	ASTM D 97	°C	- 27	- 24	- 24	- 21
T.A.N. (Total Acid Number)	ASTM D 644	mg KOH/g	< 0,15	< 0,15	< 0,15	< 0,15
Water-emulsibility	-	-	complete	complete	complete	complete
Flash Point C.O.C.	ASTM D 92	°C	190	229	231	234
Oxidation Test	ASTM D 943	-	pass	pass	pass	pass
Copper corrosion, 3 hrs at 100°C	ASTM D 130	-	1a	1a	1a	1a

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