

# LAINASPIN 0383 (WOOLLEN)



## DESCRIPTION

Blended synthetic and water soluble fibre lubricant.

## APPLICATIONS

To assist carding and spinning of wool, lambs' wool and cashmere blends on the woollen system, for production of knitwear and weaving yarns.

## APPLICATION DETAILS

- LAINASPIN 0383 may be applied neat as supplied or more usually as a pre-mixed solution with water. A 50% solution strength is recommended.
- LAINASPIN 0383 is readily mixed with water to form a slightly hazy, stable solution.
- The amount to apply is dependent on the requirements, however LAINASPIN 0383 is suitable for use at lower than normal application levels and an application of 4% product on the weight of the blend is recommended.

## PERFORMANCE DATA

- Provides low fibre / fibre and fibre / metal frictional properties, similar to traditional woollen oils.
- Provides moderate to high fibre cohesion.
- Provides extremely good anti-static properties, assisting control of the fibre through processing and enabling lower than normal application levels to be used.
- Readily soluble in water for ease of application
- Solutions of LAINASPIN 0383 are designed to reduce any tendency for oil migration through a blend.
- LAINASPIN 0383 is expected to have a low Chemical Oxygen Demand (COD) value of approximately 1.5mg O<sup>2</sup> / mg oil. This, combined with the low application level possible, can result in a significant reduction in COD loading of effluent.
- Expected to be Biodegradable according to test method OECD 301A.
- Because it is water soluble in nature, LAINASPIN 0383 is readily removed from fabrics using mild, aqueous scouring systems, using alkaline or neutral scour liquors.

## NOTES

**When introducing a new oil into a machine we recommend cleaning the original oil from the machine and oiler units as thoroughly as possible, to avoid the potential for any incompatibility problems.**

### BENJ<sup>®</sup> R. VICKERS & SONS LTD.

**Registered Office**  
6 Clarence Road, Leeds,  
LS10 1ND, United Kingdom

**Registered in England**  
Company No. 00130013

**Tel:** +44 (0) 113 386 7654  
**Fax:** +44 (0) 113 386 7676  
**Web:** [www.vickers-oil.com](http://www.vickers-oil.com)  
**Email:** [techserv@vickers-oil.com](mailto:techserv@vickers-oil.com)

Accredited to the ISO 9001  
Quality Standard and the  
ISO 14001 Environmental  
Management Standard



FM 01851 EMS 40717

# LAINASPIN 0383 (WOOLLEN)



## TYPICAL CHARACTERISTICS AND PROPERTIES

LAINASPIN 0383	UNITS	TYPICAL RESULT
Colour		Very pale yellow oil
Viscosity @ 21°C	cSt	Approx. 106
Viscosity @ 50°C solution	cSt	Approx. 72
Density @ 15°C	kg/l	1.0805
Cloud Point	°C	< 0
Free fatty acid content	%	Approx. 2
Ionic Character		Non-ionic / Anionic
Activity	%	66
Shelf Life		1 year in original container stored out of direct sunlight

Vickers Oils, its officers, employees and agents assume no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with Vickers Oils for the provision of this information or advice and in that case responsibility or liability is exclusively on the terms and conditions set out in that contract. Products should only be used for the applications specified. The supplier cannot accept responsibility if they are used in any other application.

### BENJ<sup>m</sup> R. VICKERS & SONS LTD.

**Registered Office**  
6 Clarence Road, Leeds,  
LS10 1ND, United Kingdom  
**Registered in England**  
Company No. 00130013

**Tel:** +44 (0) 113 386 7654  
**Fax:** +44 (0) 113 386 7676  
**Web:** [www.vickers-oil.com](http://www.vickers-oil.com)  
**Email:** [techserv@vickers-oil.com](mailto:techserv@vickers-oil.com)

Accredited to the ISO 9001  
Quality Standard and the  
ISO 14001 Environmental  
Management Standard



FM 01851 EMS 40717