

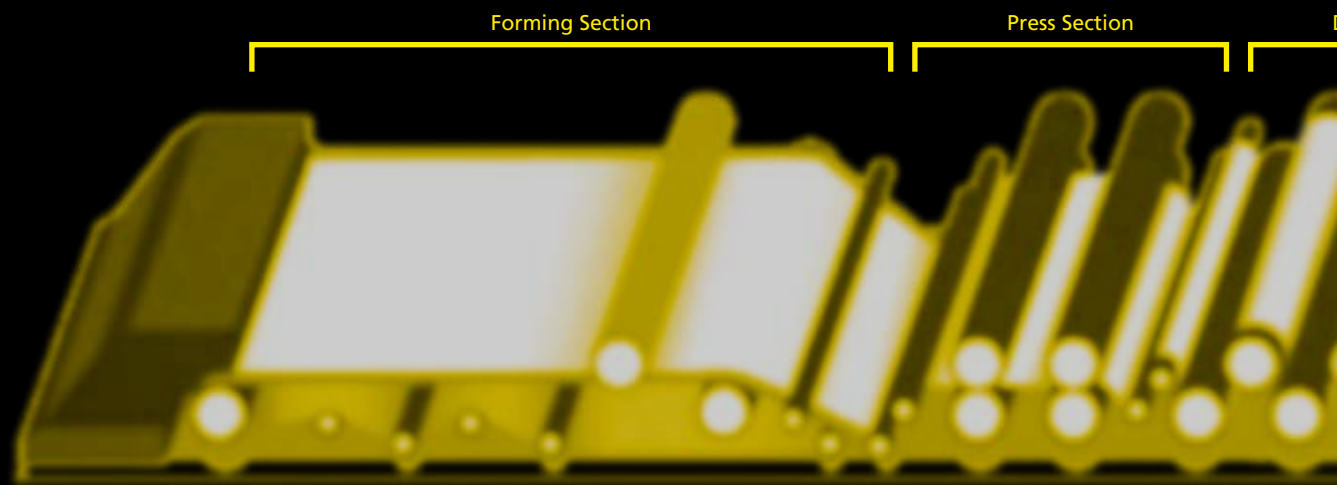


PAPER MILL LUBRICANTS

High-quality products for the paper mill industry

PERFORMANCE & RELIABILITY

Paper mills are exposed to extreme conditions of water, heat and dust. For that STRUB products provide high-performance lubrication and greases to protect and increase the productivity of each machine.



Paper Machine Gear Oils

STRUB Vulcogear EP
ISO 68, 100, 150, 220, 320, 460, 680

A high-quality oil for the lubrication of gearboxes. Highest load carrying capacity and excellent protection against wear, with a very good corrosion and rust protection, good wetting capabilities, quick water and air release properties. It is compatible with all types of gaskets and seals and has good thermo stability as well as ageing stability.

DIN 51517 part 3, CLP, ISO 12925-1, CKC-CKD, AGMA 9005-E02, 9005-D94

STRUB Vulcogear O.A.P.
ISO 150, 220, 320, 460

A high-performance version of STRUB Vulcogear on a synthetic basis for the lubrication of worm, straight, angled gears, etc., which are working under heavy loads and high temperatures. It is mostly used in heavy industry where conventional oils break down due to the high temperature.

DIN 51517 part 3, CLP, ISO 12925-1, CKD-CKD, AGMA 9005-E02, 9005-D94

STRUB Vulcogear EP
ISO 1000

Based on STRUB Vulcogear EP, but with a very high viscosity for the calender section of the paper machine.

ISO 12925-1, CKC-CKD, AGMA 9005-E02, 9005-D94

Paper Machine Hydraulic Oils

STRUB Vulcolube HLP
ISO 10, 15, 22, 32, 46, 68, 100, 150

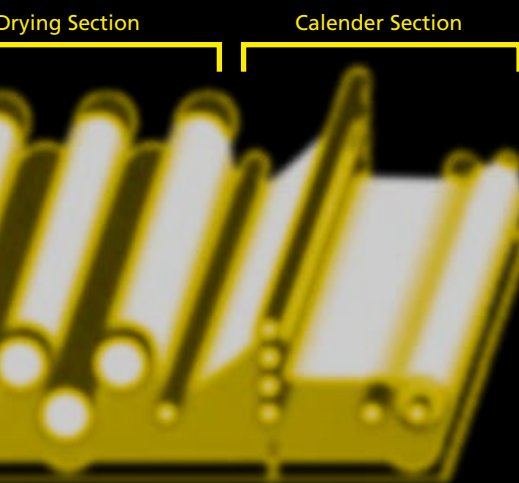
A high-quality and multipurpose hydraulic oil especially suitable for the paper machine industry. The additive combination prevent rust and corrosion, for a better oxidation stability, for a lowering of wear and to improve the load carrying capabilities and the service life.

ISO 11158, DIN 51524 part 2, HLP, HM, Denison HF-0, HF-2

STRUB Vulcolube HLP ZF
ISO 32, 46, 68, 100, 150

A zinc-free hydraulic oil which is suitable for use in all hydraulic systems where high demands on the filtering are placed.

ISO 11158, DIN 51524 part 2, HLP, HM, A /8.3/90 > 12



Forming section

or commonly called the wet end. It is important that the lubrication is formulated with excellent rust protection and water separation properties.

Press section

where the wet fiber web passes between large rolls loaded under high pressure to squeeze out as much water as possible. In this section, it is essential to use lubrication which has excellent heat dispersion properties.

Drying section

built in a serpentine manner with a series of steam-heated drying cylinders. The lubrication used in this section needs a good thermo stability as well as ageing stability.

Calender section

where heavy steel rolls smooth the dried paper. Grease is often used, but circulating oil has become more common.

Paper Machine Circulating Oils

STRUB Vulcocircle PM
ISO 150, 220

A high-performance circulating oil for the lubrication of all kind of paper machines on the wet and dry end. This oil increases the efficiency of the lubrication and lifetime of the oil and bearings.

Meets the requirements of SKF, FAG, Metso, Voith

STRUB Vulcocircle PMS
ISO 150, 220

A synthetic version of the STRUB Vulcocircle PM for extreme performance applications.

Meets the requirements of SKF, FAG, Metso, Voith

STRUB Vulcocircle PMA
ISO 150, 220

Special version of STRUB Vulcocircle PM without ash for applications requiring these characteristics.

Meets the requirements of SKF, FAG, Metso, Voith

Paper Machine Grease

STRUB Multi Duty Grease EP 2
NLGI 2

A premium-quality grease without melting point, for heavily loaded plain and roller bearings as well as high temperature conditions. Suitable over wide temperature range from -24 °C to +200 °C with peak temperatures up to 250 °C. It contains various high-quality additives with very good high-pressure properties, excellent adhesive, seal and anticorrosive properties, good water resistance, shear stability and broad chemical resistance.

STRUB Swiss Tribology has an extensive range of greases and pastes for various applications. For more information please contact your STRUB product manager.

STRUB + CO AG

Discover the World of Strub Lube

Since 1921, the name Strub has stood for quality, ecology and innovation in all areas of tribology. The basis of our success has been the principle of making use of our 90 years of tradition and experience in implementing innovative ideas. We aim to achieve high performance, reliability and environmentally-friendly solutions for our clients worldwide.

Our traditional family-owned company of Strub + Co. AG in the heart of Switzerland is an independent manufacturer of lubricants and technical cleaning agents. We have some 150 employees working in our business worldwide. Having branch offices and representatives in over 60 countries guarantees close proximity to our clients and the ability to react promptly to their specific needs.



Analysis

In order to guarantee the optimum performance and functionality of your lubricants, we analyse them on your behalf. The products are tested with the most modern laboratory equipment as to their chemical and physical properties.



Service

Our chemists and field-technicians stand ready to support you at all times. As your system supplier, we are close at hand and offer you our comprehensive customer support in respect of any questions or challenges you may face surrounding the topic of lubrication.



Tailor-Made Products

In the event that you are unable to find the optimum product for your application in our list of over 1,600 lubricant specialities, we shall develop a tailor-made product for you.



STRUB
SWISS TRIBOLOGY

STRUB+Co. AG
Swiss Tribology
Mühlemattstrasse 5
CH-6260 Reiden

phone +41 62 785 22 22
fax +41 62 785 22 33
strub@strub-lube.ch
www.strub-lube.ch

Representative:

