Lubrication Support

Keep an eye on your lubricants



oil analyses for industry

- Extended lubricant life
- Monitoring the state of machines and detection of anomalies through monitoring the oil and its elements
- Savings through preventive monitoring, anticipation and detection of potential failures

Optimize your maintenance



Maintenance and lubrication software



- Optimal availibility of the tool work through planing and regular follow-up of lubrication and maintenance
- Analysis of lubrication costs
- Sources of optimisation of preventive maintenance

To adapt these services to your requirements, do not hesitate to consult us

Africa	+33 1 41 35 47 62	Germany	+49 211 90 570	Norway	+47 22 01 95 59
Asia	+65 6879 22 00	Great Britain	+44 1977 636 200	Poland	+48 22 435 14 00
Austria	+43 616 46 11 0	Greece	+30 2 10 544 05 40	Portugal	+351 21 723 08 32
Belgium	+32 2 288 99 33	Hungary	+36 23 50 75 00	Spain	+34 91 722 08 40
Czech Rep.	+420 2 2489 0511	Italy	+39 02 54 068 370	Sweden	+46 40 38 36 50
Denmark	+45 45 81 3701	Luxembourg	+352 480 481-1	Switzerland	+41 22 306 66 00
France	+0 800 771 522*	Netherlands	+31 70 318 04 80	Other	+33 1 41 35 40 00

Find your local contact at www.lubricants.total.com



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Oils and Greases for Paper Mills

Meet your productivity and reliability requirements



LUBRICANTS SPECIALLY DESIGNED TO YOUR NEEDS

TOTAL **Products**

TRANSMISSION

RUBIA

Wood yard

Handling equipments

Transmissions and hydraulic systems

Lubrication of motors

Paper machine Wet section -

Circulation oils Responding to VOITH/METSO specifications

EQUIVIS ZS Complete range of approved lubricants for all types of machines CERAN PM

Reduced consumption due to outstanding water resistance properties

Conveyors / Bearings Presence of water, dust, chocs

CERAN GEP 0

Reduced wear and consumption by improved adhesivity

Excellent anti-corrosion properties

KASSILA GMP Extended gear and bearing life **Closed** gear boxes Humid environment. dust, high load

Chains / Open gears

Humid environment, choc,

dust, high load, low speed

Pulp mill

 CARTER VP/CS KASSILA GMP Extended lifetime through high anti-wear and anti-corrosion

Agitators / gears Blending units Gear lubricants

Pumps, screens, refiners

Finishing section

STATERMIC XHT

properties

Reduced grease consumption and reduced bearing failures

MISOLA MAP

MISOLA MAP SH Ash-free oils

Coated machine Shafts and wide gears

Super calander Circulation oils

Grease for wet section

Greases for dry section Electrical motors - ventilators



TOTAL **Products**

Press section - Dry section

MISOLA ASC • MISOLA AF •

Ash-free mineral oils Improved lifetimes of oils and bearings Reduced consumption of filters

MISOLA MAP •

Semi-synthetic ash-free oil Excellent price/quality ratio

MISOLA MAP SH •

Synthetic high temperature ash-free oil Cleans efficiently the lines Excellent protection against high temperature wear

Hydraulic oil_

AZOLLA AF •

Ash-free mineral oil Excellent performance in presence of water Reduction of filter blockings thanks to an improved filtrability

CERAN PM •

Grease resistant against washing out Reduced grease consumption Increased equipment lifetime Reduced risks of pollutions

ALTIS EM2 • ALTIS SH2 •

High technology greases with improved lubrication properties Significant reduction of temperatures and vibrations