

The benefits offered by TOTAL

TOTAL ANAC INDUS

provides you a full range of lube oil analysis, to allow you to anticipate and diagnose anomalies in the equipment. This solution is both preventive and corrective.



Thanks to TOTAL ANAC INDUS, you:

- Reduce your operating costs.**
- Anticipate and plan** maintenance operations to perform them at the **best time.**
- Optimize** drain intervals and **extend the lifetime** of your equipment.
- Improve the reliability and performance** of your equipment.

TIG6, optimized maintenance software for your lubricants



TIG6 allows you to boost your productivity through efficient maintenance planning.

Built on the expertise of our engineers, TIG6 offers you to:

- Increase efficiency** and savings of your maintenance management.
- Monitor lubricant parameters and analyses** with a single tool.
- Assert your quality and safety management** through management of lubricant documentation and critical points.

Plan your orders with our Vendor Managed Inventory solution.

VMI enables you to:

- **Save costs** of stock shortage and over-stocks.
- **Optimize** and simplify your lubricant **stock management.**
- **Control** your lubricant **consumption.**

A major player

With our production, supply chain and commercial presence in more than 150 countries, we deliver a full range of lubricants.

Support and partnership

Thanks to local technical presence, we provide a high level of service to optimize your Total cost of Ownership.

References & OEMs

TOTAL Lubricants cooperates with equipment manufacturers to create high-technology products for optimal performance and production of your machinery.

5 good reasons for choosing TOTAL

Innovation & Research

TOTAL invests in biotechnologies to find the most suitable components to reach energy efficiency through formulations designed in our Research Centers.

Quality and environment

TOTAL Lubricants ISO 9001 certification is the guarantee of a long term commitment to quality. From the initial design stage, our R&D teams seek to develop products that minimize toxicity risks and environmental impact.

TOTAL Austria GmbH
 Modecenterstraße 17 Obj.1 / OG 2
 1110 Wien
 E-Mail: ms.industrie-at@total.com
 Tel: 01 616 46 11-0
www.total.co.at

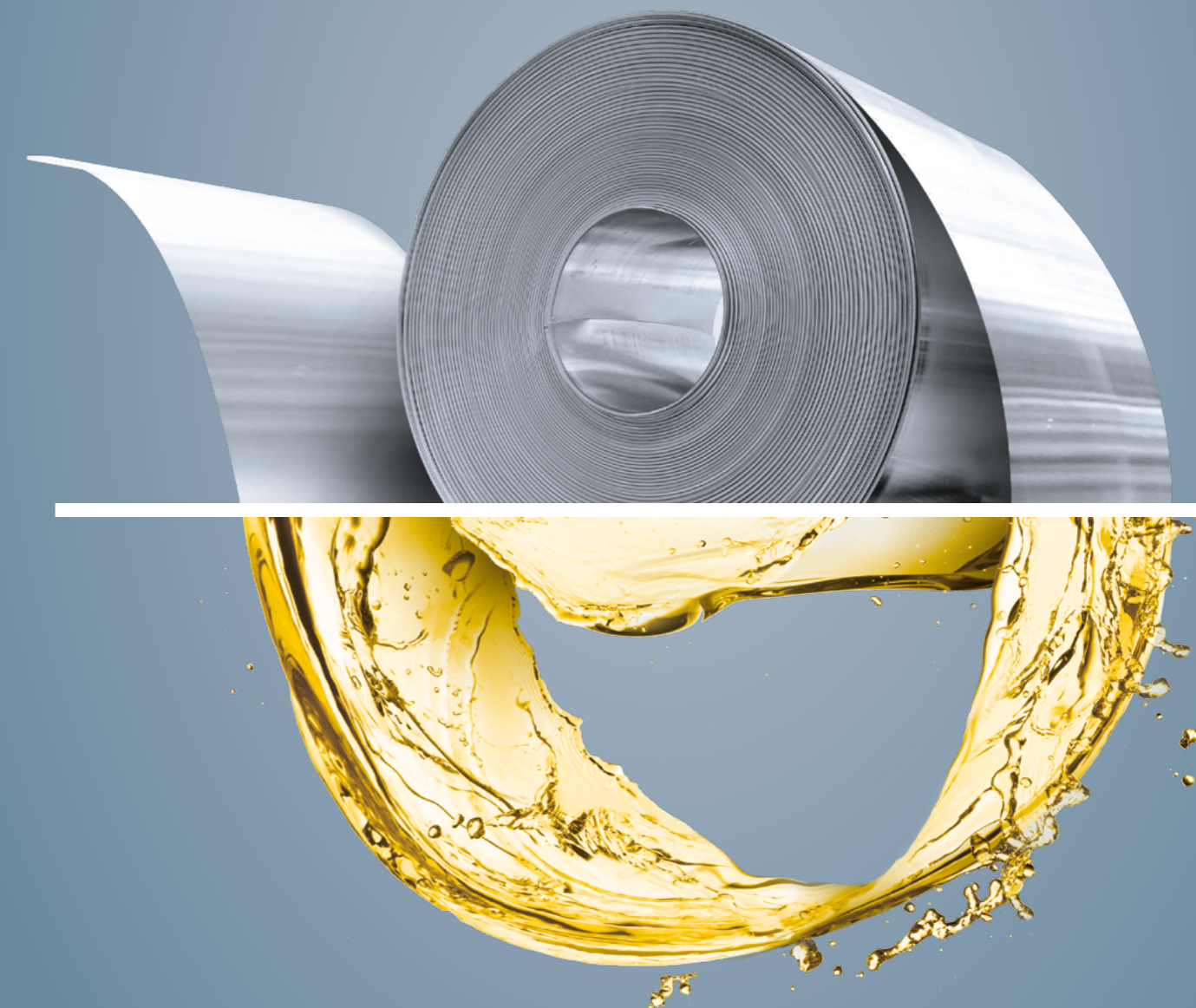
Total (Suisse) SA
 Ruessenstrasse 18
 CH-6340 Baar
 Tel: 0800 011 011
 E-Mail: rm.ch-lubs@total.com
www.totalsuisse.ch

Safety Data Sheets are available at quickfds.com
industrial.lubricants.total.com



ALUMINUM ROLLING INDUSTRY

Reliability and productivity with TOTAL lubricants



10/2018 - TOTAL Lubricants SA 552 006 454 RCS Nanterre - Photos: 123RF - Illustration: Analogue, Design: GOLDEN Design





Your challenges

- **Enhanced reduction rate per pass**
In a very competitive business, productivity is the key
- **High rolling speed**
To meet the growing demand in aluminum
- **Reliable product quality**
Good quality in the production output, including a clean rolling surface, is a critical point
- **Safety and sustainable development**
Make the workshop atmosphere safe
Meet the high food grade product demand

Our solutions

- **Innovative high-performance products**
Constant improvement of our products to meet your technical needs
- **More sophisticated additives blended in our hydrogenated base oils (HDA® process)**
- **Stability of the products characteristics, and narrow distillation ranges**
Low consumption
No residue
- **Products reduced health and environmental impacts**
High flash point and low aromatics content
Food and Drug Administration approved products



ALUMINUM ROLLING INDUSTRY

Aluminum is one of the key engineering materials of our time.

As an involved company in aluminum rolling, the ongoing challenge for TOTAL is to satisfy the growing demand in aluminum, through a complete dedicated lubricant range.

Our main objective is to bring you:

- Productivity
- Cost savings
- Performance
- Sustainability

NON STAINING MAINTENANCE LUBRICANTS

AZOLLA AL/ALS NSF
CARTER ALS

FOIL DOUBLING

TENSION LEVELLING

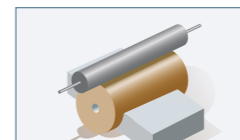
MARTOL EV 10 CF

FOIL DE-DOUBLING

TENSION LEVELLING

STAMPING

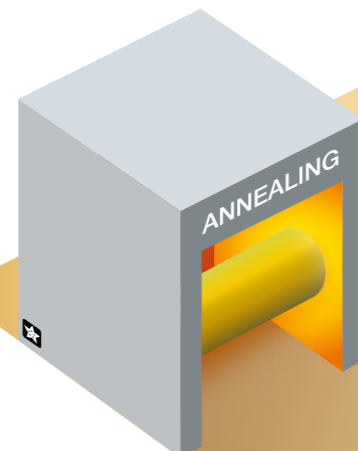
MARTOL FMO NSF



ROLL GRINDING
VULSOL 5000



EDGE TRIMMING AND SCALPING
VALONA MQL




ANNEALING

COLD ROLLING

SLITTING

COLD ROLLING OILS

LUBRILAM S
LUBRILAM BIO 
ADDITIVES:
LUBRILAM ADD 31
LUBRILAM ADD 40
LUBRILAM ADD OX

PRELUBRICATION OF COIL

MARTOL FMO NSF

FUME RECOVERY SYSTEM

LUBRILAM CLEANER H1 NSF

 BIODEGRADABLE

 NSF H1 suitable for incidental food contact / 3H suitable for direct food contact

OUR ANSWER TO ALL YOUR NEEDS

Key range

LUBRILAM S

Cold rolling oil, with low aromatic compounds and high flash point.

LUBRILAM ADD

Series of various performance additive concentrates for rolling oils.

LUBRILAM CLEANER

LUBRILAM CLEANER H1 NSF

Scrubbing oil for fume recovery systems (NFS H1 approval).

Alu offer

AZOLLA AL/ALS NSF

Non-staining hydraulic oil, suitable for incidental food contact (NFS H1 approval).

CARTER ALS

Non-staining enclosed gear lubricant for back-up rolls in rolling process.

MARTOL FMO NSF

Food grade lubricant for pre-induction before stamping and deep drawing in aluminum packaging production (NSF 3H approval).

MARTOL EV 10 CF

Fast vanishing oil for tension levelling.

Sustainable development solution

LUBRILAM BIO

Bio-based cold rolling oil, with low aromatic compounds and high flash point.

Annexe operations

FOLIA G 5000

Biopolymer for roll grinding.

VALONA MQL

Chlorine free sprayable neat oil for edge trimming and scalping.



TOTAL
LUBRICANTS