



# Open Gear Drive Lubrication



**TotalEnergies**



## Open Gear Drives Lubricants

### MILLS & ROTARY KILNS

Lubricants for all situations (Spraying - Bath - Circulation) :  
Priming - Running-in - Service - Cleaning - Repair

Approved by :

FLSmidth • Metso • Fives FCB • Alstom • CMD •  
Ferry Capitain • Maguin • Sercem...

## CHARACTERISTICS

**Grafolog®** : Aluminium complex grease with solid additives for optimum protection of your gear drive

Products	Type of product	Application	Viscosity (mm <sup>2</sup> /s) / NLGI grade
<b>Grafolog H 1</b>	Aluminium complex grease for priming operation	Priming by brush	1100/1
<b>Grafolog H 00 R</b>	Aluminium complex grease with solid additives	Running-in: spray	520/00
<b>Grafolog R Fluid</b>	Aluminium complex fluid grease for running in	Running-in: bath and circulation	2000/00
<b>Grafolog H 00 LT</b>	Aluminium complex grease with solid additives	Spray lubrication for cold temperatures	130/00
<b>Grafolog H 0</b>	Aluminium complex grease with solid additives	Spray lubrication	750/0
<b>Grafolog H 0+</b>	Aluminium complex grease with solid additives	Spray lubrication	1100/0-1
<b>Grafolog H 2200</b>	Aluminium complex grease with solid additives	Spray lubrication	2200/0-00
<b>Grafolog H 6000</b>	Aluminium complex grease with solid additives	Spray lubrication	6000/0-00
<b>Grafolog H 10 K</b>	Aluminium complex grease with solid additives	Spray lubrication	10000/0-00
<b>Grafolog M Fluid</b>	Aluminium complex fluid grease with solid additives	Bath and circulation	3000/000
<b>Grafolog MT Fluid</b>	Aluminium complex fluid grease with solid additives	Bath and circulation	7500/000

**Gear Fluid®** : Thick fluids for reduced operating costs

Products	Type of product	Application	Viscosity (mm <sup>2</sup> /s)
<b>Gear Fluid R</b>	Running in semi synthetic thick fluid	Running-in	680
<b>Gear Fluid 180</b>	Semi synthetic thick fluid	Bath, circulation and spray	4600
<b>Gear Fluid 550</b>	Semi synthetic thick fluid	Spray and Bath	17000
<b>Gear Fluid 550 D</b>	Solvanted semi synthetic thick fluid	Spray - Cold temperatures	1000 <sup>(1)</sup> - 17000 <sup>(2)</sup>
<b>Gear Fluid 1000</b>	Semi synthetic thick fluid	Bath lubrication	25000
<b>Gear Fluid 1000 D</b>	Solvanted semi synthetic thick fluid	Spray - Cold temperatures	1600 <sup>(1)</sup> - 25000 <sup>(2)</sup>

<sup>(1)</sup>with solvent <sup>(2)</sup>without solvent

**Gearlog** : Latest generation of thick fluids containing white solid lubricants for increased life span and cost reduction

Products	Type of product	Application	Viscosity (mm <sup>2</sup> /s)
<b>Gearlog P</b>	Synthetic thick fluid with white solid lubricant for priming operation	Priming by brush	25000
<b>Gearlog R</b>	Running in semi synthetic thick fluid with white solid lubricant	Running-in	680
<b>Gearlog 200</b>	Semi synthetic thick fluid with white solid lubricant	Bath, circulation and spray	5700
<b>Gearlog 500</b>	Synthetic thick fluid with white solid lubricant	Spray and Bath	15000
<b>Gearlog 500 D</b>	Solvanted synthetic thick fluid with white solid lubricant	Spray - Cold temperatures	15000 <sup>(*)</sup>
<b>Gearlog 1000</b>	Synthetic thick fluid with white solid lubricant	Bath lubrication	25000
<b>Gearlog 1000 D</b>	Solvanted synthetic thick fluid with white solid lubricant	Spray - Cold temperatures	25000 <sup>(*)</sup>

<sup>(\*)</sup>without solvent

## TECHNICAL EXPERTISE

### Preventive Maintenance : Expert's Report



#### On-Stop

The open gear drives are checked on-stop: wear, damages and lubrication.



#### In-Service

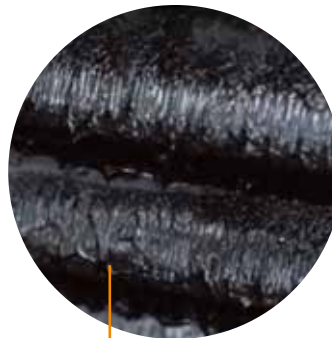
The open gear drives are checked in service: service conditions of the gear set: vibrations, temperature and lubrication.



#### Technical Reports

Complete technical reports: prevention, advices, improvements and repairs.

## Lubriclean EP AND OPEN GEAR CLEANING KIT



Before cleaning



After cleaning

## OTHER APPLICATIONS

### Roller presses

Grinding roller bearings lubricants



**Lubrilog LX 1500 GM**  
Lithium grease with 10% solid additives

### Rotary kilns

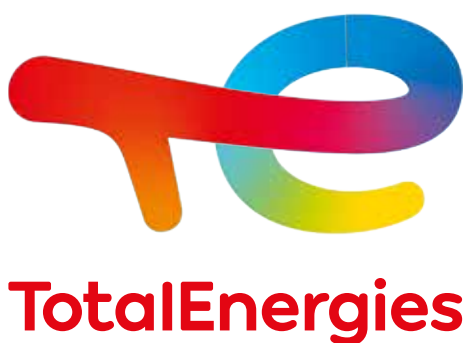
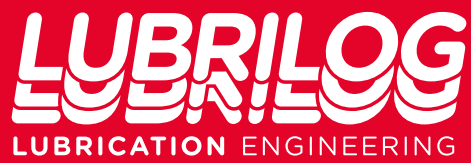
Internal face of floating kiln tyres lubricants



**Grakote Fluid**  
**Grafolog 1278 S**



Specific spraying equipment for **Grafolog 1278 S** and **Grakote Fluid**



[www.lubrilog.fr](http://www.lubrilog.fr)



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