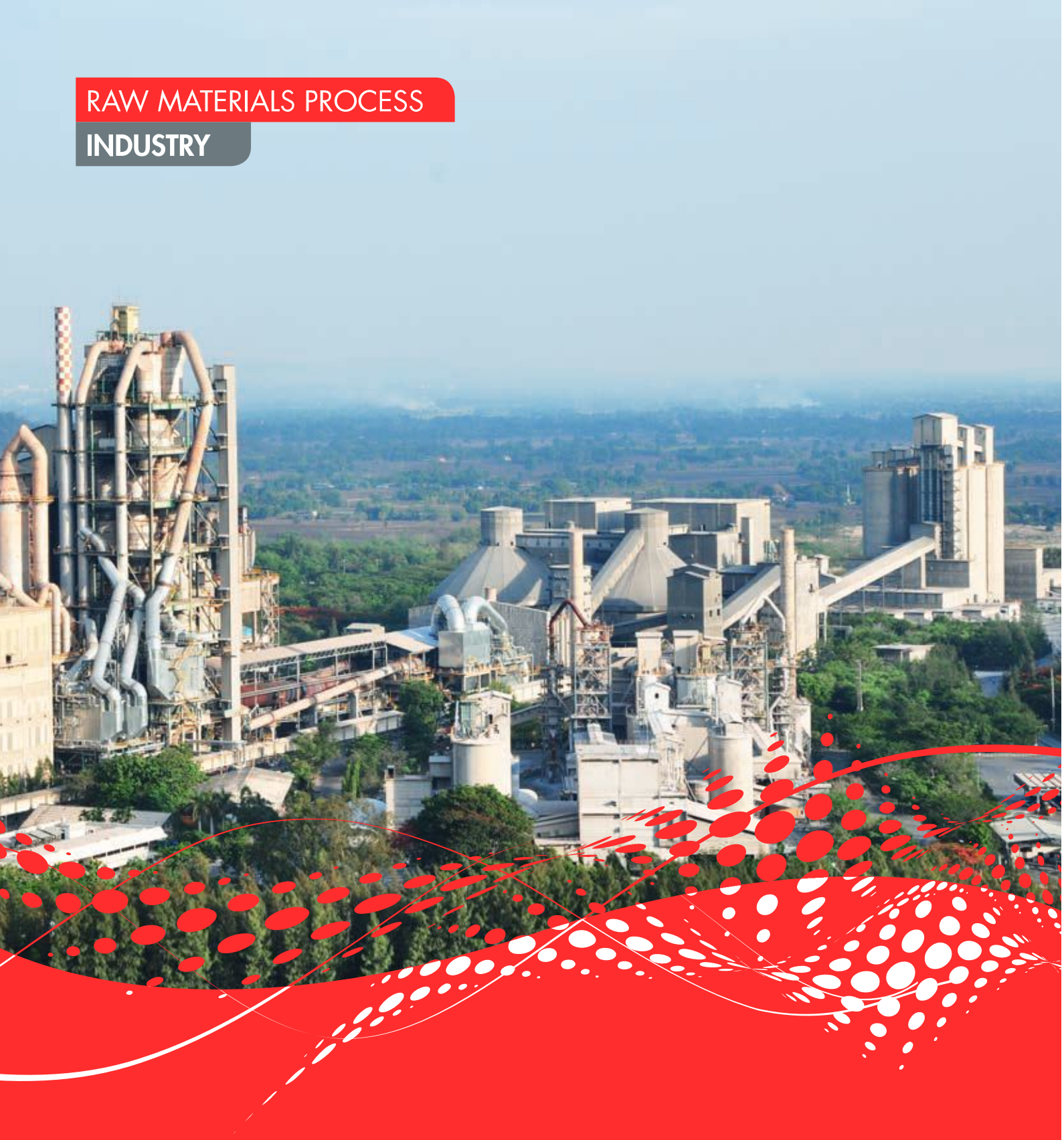
RAW MATERIALS PROCESS

INDUSTRY



LUBRILOG

LUBRICATION ENGINEERING



OPEN GEAR DRIVES LUBRICANTS
MILLS & ROTARY KILNS

High Viscosity and Adhesion
= High Performance Lubricant

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

	LUBRILOG LUBRICANTS				CHARACTERISTICS		
	Name	Graphite or MoS_2	Without Graphite	Structure	Viscosity at 40°c. (mm^2/s)/ consistency	4 balls weld test (daN)	Color
BATH & CIRCULATION LUBRICANTS	GRAFOLOG R FLUID	●		grease	2,000 / 000	> 800	black
	GRAFOLOG M FLUID	●		grease	3,000 / 000	> 800	black
	GRAFOLOG MT FLUID	●		grease	7,500 / 000	> 800	black
	LUBRILOG L CC 1200 M	●		oil	1,200	400	black
	LUBRILOG L CC 1500 M to 3200 M	●		oil	1,500 to 3,200	400	black
	GEAR FLUID R		●	oil	520	> 980	brown
	GEAR FLUID 180		●	oil	4,600	> 980	brown
	GEAR FLUID 550		●	oil	17,000	> 980	brown
	GEAR FLUID 1000		●	oil	25,000	> 980	brown
SPRAYING LUBRICANTS	GRAFOLOG H 00 R	●		grease	320 / 00	> 800	black
	GRAFOLOG H 0	●		grease	500 / 0	> 620	black
	GRAFOLOG H 0 +	●		grease	1,100 / 0 - 1	> 700	black
	GRAFOLOG H 1500	●		grease	1,500 / 0 - 1	> 700	black
	GRAFOLOG H 2200	●		grease	2,200 / 00 - 0	> 700	black
	GRAFOLOG H 3000	●		grease	3,200 / 0	> 700	black
	INVERTA RUN PLUS		●	grease	1,000 / 0 - 1	> 700	brown
	INVERTA RUN HT		●	grease	460 / 00* - 12,500 / 0**	> 800	beige
	GEAR FLUID 550 D		●	oil	1,000* - 17,000**	> 980	brown
	GEAR FLUID 1000 D		●	oil	1,600* - 25,000**	> 980	brown

* with solvent - **without solvent

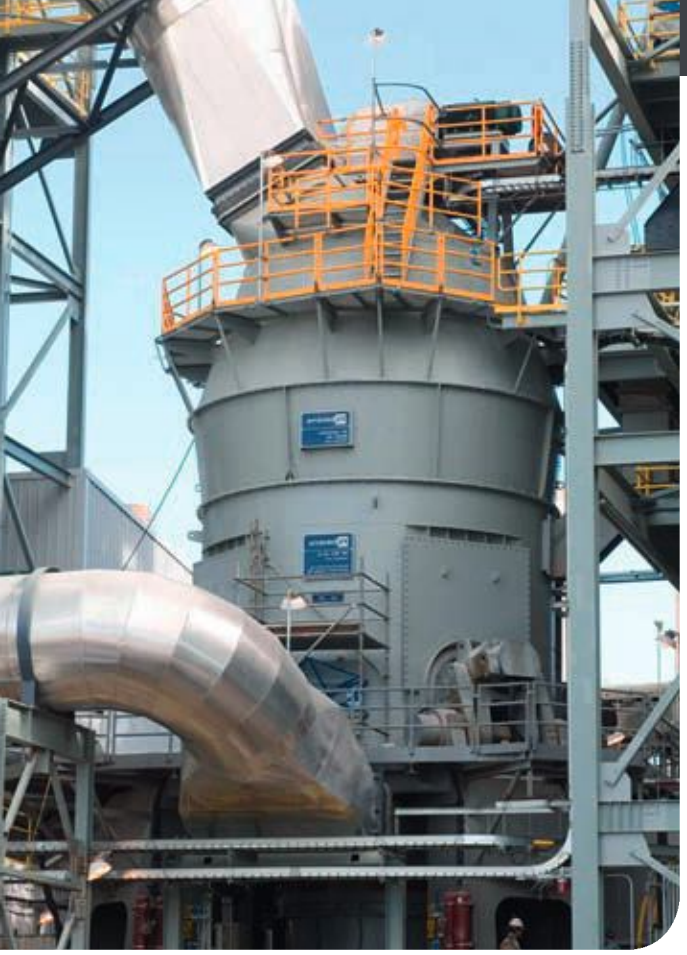
Approved by :

FLSmidth metso

fives fcb ALSTOM FC

CMD Maguin





VERTICAL MILLS LUBRICANTS GRINDING ROLLERS

Full Range of Long Life Effective Lubricants

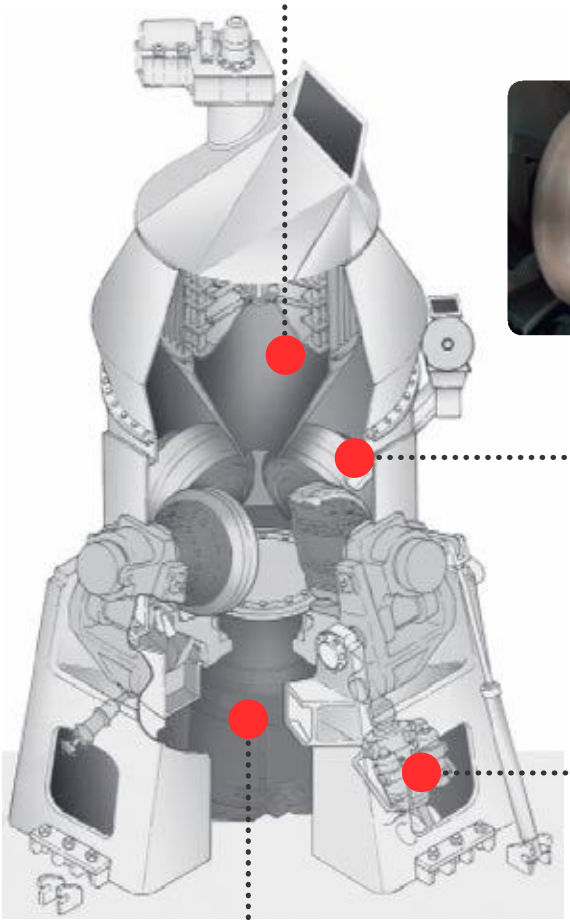
Rotary Separator (Classifier)

Bearings :
STARPLEX G 2
LOGREASE M 2

Gearbox :
LUBRILOG LY PAO 320 AW
LUBRILOG LY PG 320 W

Motor :
STARPLEX G 3

Lubricant selection based on the lubrication list of the vertical rollers mill manufacturer





Grinding Rollers

Bearings :
LUBRILOG LY PG 680 W
LUBRILOG LY PG 1000 W
LUBRILOG L CC 320

Assembly :
LUBRILOG LX 1225 M
STARGREASE HEAVY

Mill Drive

Main Gearbox :
LUBRILOG L CC 220
LUBRILOG L CC 320

Motor :
STARPLEX G 3





Rocker Arm

Bearings :
LUBRILOG LX 1225 M
STARGREASE HEAVY

Spring Assembly

Hydraulic Cylinder :
LUBRILOG L HM 68
LUBRILOG L HV 22

Bearings :
LUBRILOG LX 1225 M
STARPLEX G3



ROTARY SYSTEMS LUBRICANTS KILNS

High Temperatures Lubricants



Grate preheater bearings

(SEMI-DRY WAY)
STARPLEX G1



Internal face of floating kiln tyres

GRAKOTE FLUID
GRAFOLOG 1278 S



Inlet seal of rotary kiln

STARPLEX G2







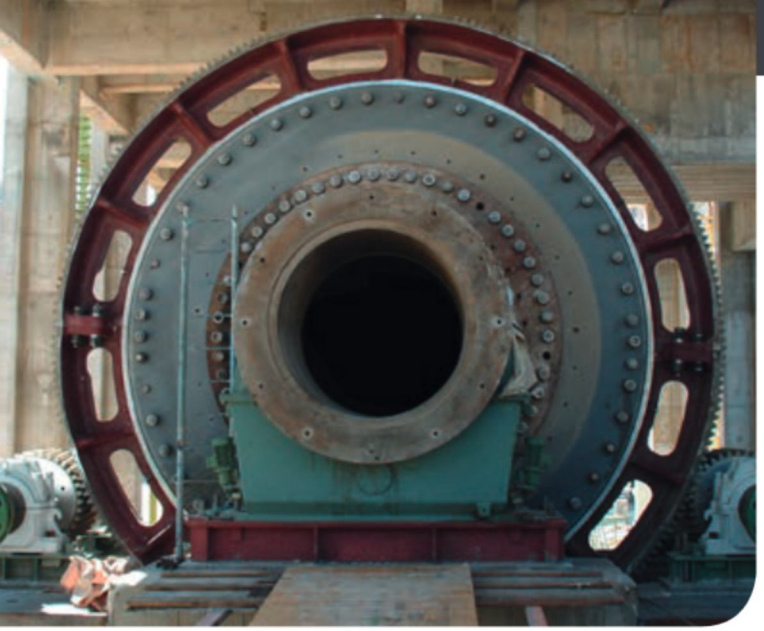
EXCLUSIVE ! LUBRICLEAN EP

FAST CLEANING OF OPEN GEAR DRIVES IN-SERVICE

LUBRILOG has developed a green solvent to clean Open Gear Drives without stopping the production

Now LUBRICLEAN EP saves a lot of time and costs by fighting against ABRASIVE wear in less than one hour cleaning process

Biodegradable and without V.O.C.



OPEN GEAR DRIVES EXPERTISE TECHNICAL DEPARTEMENT

Control of Wear and Longer Life of Open Gear Drives

A full range of technical expertise to increase performance and productivity of rotary drums



Lubricants

All of our lubricants are designed and manufactured in our plant in Romans-sur-Isère with choice of components and additives for different applications



Open gears

Knowledge of gears is imperative to ensure effective lubrication (choice of suitable lubricant, assistance from the open gear drive erection, expert's report)

Preventive Maintenance : Expert's Report



On-Stop

The open gear drives are checked on-stop: Wear, Damages and Lubrication



In-Service

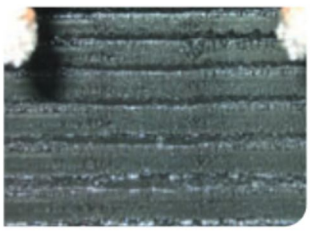
The open gear drives are checked in service: Service conditions of the gear set and lubrication



Technical Reports

Complete technical reports: Prevention, Suggestions, Improvements and Repairs

Specialized repair On-Site



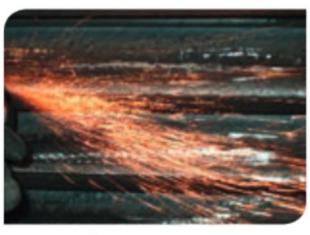
Chemical Lapping

Chemical surfaces improvement, in service, to obtain a perfect



Repair Lapping

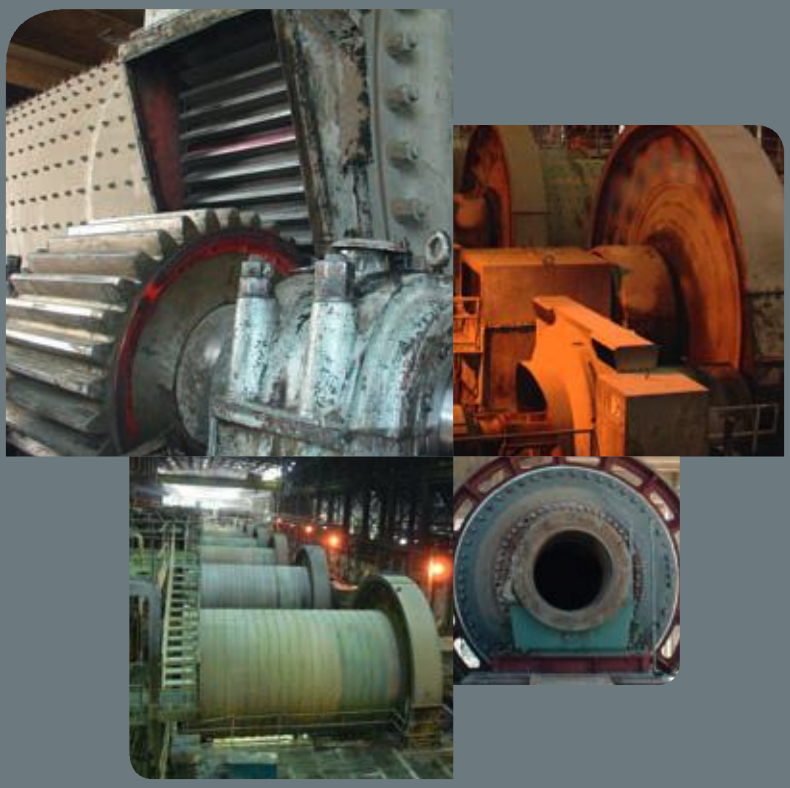
Fast Repair improves the contact between active flanks. This



Grinding

Manual mechanical grinding repair of the open gear set

LUBRICATION ENGINEERING



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