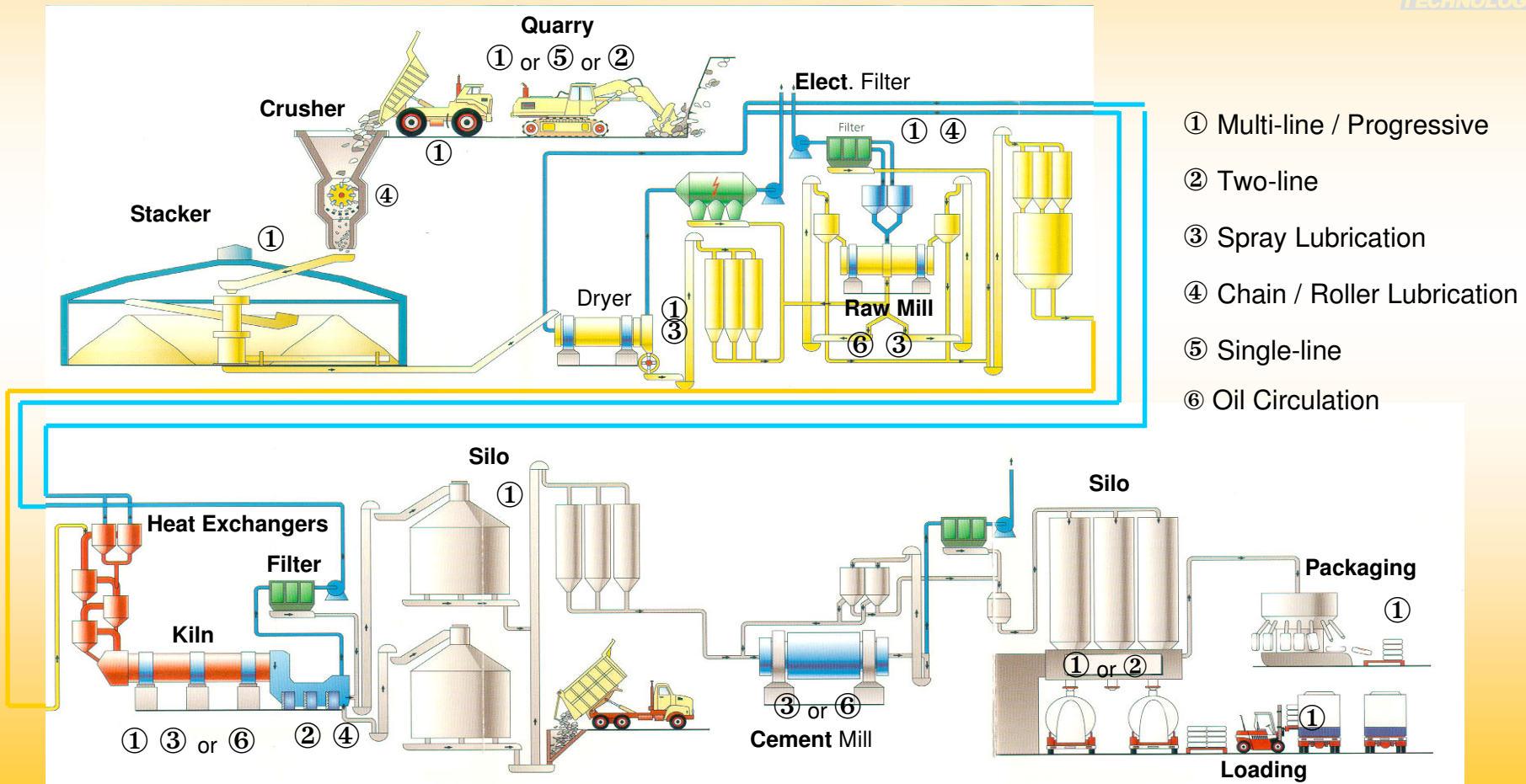


Cement Industry Applications



LUBRICATION
TECHNOLOGY



Quarry



LUBRICATION
TECHNOLOGY

Excavators, Shovels, Drags, Loaders Blast Hole Drilling Cars	Central Lubrication System	HIGH LUB L 474 H HIGH LUB KLF 2 K HIGH LUB LFB 2000 HIGH LUB FA 67-400 HIGH LUB FA 50 HIGH LUB FA 50 MO
	Slew Ring Bearing	HIGH LUB FA 50
	Slew Ring Gear	BERUGEAR W 4000 BERULIT GA 2500
	Gear Boxes	BECHEM STAROIL G BECHEM STAROIL SMO BERUGEAR GS BM HIGH LUB GF BERULUB FG 8 EP
	Wire Ropes	BECHEM SEILSTAR
	Hydraulic System	BECHEM HYDROSTAR D
Crushers	Main Bearings	HIGH LUB KLF 2 K HIGH LUB FA 67-400 HIGH LUB FA 50
Conveyor Belt Systems	Roller Bearings	HIGH LUB L 474 HIGH LUB LFB 2000
	Gear Boxes	BECHEM STAROIL G BERUGEAR GS BM BERUSYNTH EP BERUSYNTH GP

Stacker and Reclaimer



LUBRICATION
TECHNOLOGY

Excavators, Shovels, Drags, Loaders, Scrapers	Central Lubrication System	HIGH LUB L 474 H HIGH LUB L 474-3 HIGH LUB KLF 2 K HIGH LUB LFB 2000 HIGH LUB FA 67-400
	Chains	BERUMOLY P 65
	Slew Ring Gear	BERUGEAR W 4000 BERULIT GA 2500
	Gear Boxes	BECHEM STAROIL G BECHEM STAROIL SMO BERUGEAR GS BM HIGH LUB GF BERULUB FG 8 EP
	Wire Ropes	BECHEM SEILSTAR
	Hydraulic System	BECHEM HYDROSTAR D
Crushers	Main Bearings	HIGH LUB KLF 2 K HIGH LUB FA 67-400 HIGH LUB FA 50
Conveyor Belt Systems	Roller Bearings	HIGH LUB L 474 HIGH LUB LFB 2000
	Gear Boxes	BECHEM STAROIL G BERUGEAR GS BM BERUSYNTH EP BERUSYNTH GP

Bucket Elevators



Main Gear Drive	Oil Sump	BECHEM STAROIL G BERUGEAR GS BM BERUSYNTH EP
Main Bearings	Fixed / Flowting Bearing	HIGH LUB L 474
Pillow Block Unit	Bearings	HIGH LUB L 474 HIGH LUB KLF 2 K
Supporting Roller	Bearings	HIGH LUB L 474
Coupling	Oil Sump	BECHEM STAROIL NR

Vertical Roller Mills



LUBRICATION
TECHNOLOGY

Main Roller Bearings	Central Lubrication System grease lubricated	HIGH LUB FA 50 MO
	Central Lubrication System oil lubricated	BECHEM STAROIL G BERUSYNTH EP BERUSYNTH GP
	Sump Lubrication grease lubricated	HIGH LUB FA 50 MO-00
	Sump Lubrication oil lubricated	BERUSYNTH EP
Hydraulic System		BECHEM HYDROSTAR D
Rocker Arm	Bearings	HIGH LUB L 474 HIGH LUB KLF 2 K HIGH LUB FA 50 HIGH LUB FA 50 MO
Spring Assembly	Bearings	HIGH LUB L 474 HIGH LUB KLF 2 K HIGH LUB FA 50 HIGH LUB FA 50 MO
Main Gear Box	Oil Sump	BECHEM STAROIL G BERUGEAR GS BM BERUSYNTH EP BERUSYNTH GP
Separator / Classifier	Bearings	HIGH LUB L 474 HIGH LUB KLF 2 K

Rotary Kiln / Rotary Cooler



LUBRICATION
TECHNOLOGY

Main Gear Drive	Gear Box	BECHEM STAROIL G BERUGEAR GS BM BERUSYNTH EP
	Open Gear Drive	BERULIT GA
	Pinion Bearings	HIGH LUB L 474 BERUPLEX CS 2 EP
Barring Device	Gear Box	BECHEM STAROIL G
	Breake	HIGH LUB L 474
Support/Thrust Rollers	Roller Bearings oil lubricated	BECHEM STAROIL G BERUSYNTH EP
	Roller Bearings grease lubricated	HIGH LUB L 474 HIGH LUB FA 50 HIGH LUB FA 50 MO
	Hydraulic System	BECHEM HYDROSTAR D
Live Rings	Tyres	BERULUB VPN 13 BERULUB VPN 13 RINGLUB
Inlet/Outlet seal	if lubricated	BERUMOLY ALUTHERM BERULIT 400 BERULIT GA 400 BERULUB VPN 13
Exhaust Gas Fans	Roller Bearings	HIGH LUB L 474 HIGH LUB FA 67
Cooling Fans	Roller Bearings	HIGH LUB HTA BERUPLEX CS 2 EP BERUTOX FH 28 KN

Grate Clinker Cooler



LUBRICATION
TECHNOLOGY

Driving / Running Axles	Bearings	HIGH LUB L 474 BERUPLEX LI EP 2 HIGH LUB HTA BERUTOX M 21 KN BERUTOX MB SA-H BERUPLEX CS 2 EP
Gear Boxes	Oil Sump	BECHEM STAROIL G BERUSYNTH EP
Hydraulic System	Tank	BECHEM HYDROSTAR D
Roller Crusher / Breaker	Roller Bearings	HIGH LUB L 474 BERUPLEX LI EP 2 HIGH LUB HTA BERUTOX M 21 KN BERUTOX MB SA-H BERUPLEX CS 2 EP
	Hydraulic System	BECHEM HYDROSTAR D
Drag Chains	Roller Bearings	HIGH LUB L 474 BERUPLEX LI EP 2 HIGH LUB HTA BERUPLEX CS 2 EP
	Hydraulic System	BECHEM HYDROSTAR D
	Gear Drive	BECHEM STAROIL G BERUSYNTH EP

Electric Precipitators



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TECHNOLOGY

Dust Removal Systems	Central Lubrication System	HIGH LUB L 474 HIGH LUB L 2 HIGH LUB L 3 HIGH LUB LFB 2000
	Chains	BERUMOLY P 65 BERULIT IKP
Conveyor Belt Systems	Roller Bearings	HIGH LUB L 474 HIGH LUB L 2 HIGH LUB LFB 2000
	Gear Boxes	BECHEM STAROIL G BERUSYNTH EP BERUSYNTH GP

Fans and Ventilators



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TECHNOLOGY

Main Drive	Motor Bearings	HIGH LUB L 2 HIGH LUB L 3 HIGH LUB L 2 EP HIGH LUB FA 67/II
	Gear Boxes	BECHEM STAROIL G
Bearings	Oil lubricated	BECHEM STAROIL G
	Grease lubricated	HIGH LUB FA 67/II HIGH LUB L 474 BERUPLEX CS 2 EP BERUPLEX LI EP 2 BERUTOX FH 28 KN

Ball Mills



Main Gear Drive	Symetro Drive	BECHEM STAROIL G
	Direct Meshing Gear Drive	BECHEM STAROIL G BERUGEAR GS BM
	Main Gear Box	BECHEM STAROIL G BERUGEAR GS BM
	Open Gear Drive	BERULIT GA 400 BERULIT GA 800 BERULIT GA 2500
	Drive Coupling	BERUTOX M 21 EPK HIGH LUB FA 50 MO BERULIT GA
Slide Shoe Bearing	Central Lubrication System	BECHEM STAROIL G BECHEM STAROIL CBT
Gear Housing Seal	oil lubricated drive	HIGH LUB L 2 HIGH LUB L 3 BERUTOX M 21 EPK BERULUB HYDROHAF 2
Auxiliary Gear Drive	Oil Sump	BECHEM STAROIL G BERUGEAR GS BM
Turbo Coupling	Oil Sump	BECHEM STAROIL NR

Roller Presses



LUBRICATION
TECHNOLOGY

Main Roller Bearings	Central Lubrication System grease lubricated	HIGH LUB FA 50 MO
	Central Lubrication System oil lubricated	BECHEM STAROIL G BERUSYNTH EP BERUSYNTH GP
Main Roller Bearing Seals	if bearings are oil lubricated	HIGH LUB L 474 HIGH LUB KLF 2 K BERUPLEX LI EP 2
Hydraulic System		BECHEM HYDROSTAR D
Main Frame Bearing	Central Lubrication System	HIGH LUB L 474 HIGH LUB KLF 2 K
Planetary Gear Box	Circulation system	BECHEM STAROIL G BERUSYNTH EP BERUSYNTH GP
Main Gear Box	Oil Sump	BECHEM STAROIL G BERUGEAR GS BM BERUSYNTH EP BERUSYNTH GP
Separator / Classifier	Bearings	HIGH LUB L 474 HIGH LUB KLF 2 K

Packing / Loading



LUBRICATION
TECHNOLOGY

Rotary Feeder, Rotary Packer, Automatic checkweigher, Bag Cutting, Paper Screen, Bag Cleaning and Reject Unit, Bag Misuse Rollers, Automatic Bag Placer, Bag Diverter, Belt Conveyor	Gear Boxes	BECHEM STAROIL G
	Brake Cylinders	BECHEM HYDROSTAR D
	Motor Bearings	HIGH LUB L 3 HIGH LUB L 474-3
	Trolley	HIGH LUB L 2 HIGH LUB L 474
	Support	HIGH LUB L 2 HIGH LUB L 474
	Ball Joints	HIGH LUB L 2 HIGH LUB L 474
	Chains	BERUMOLY P 65
	Gear Drives	BERULIT GA 2500 SPRAY BERULIT GA 800
Automatic Truck Loader	Gear Boxes	BECHEM STAROIL G
	Roller Bearings	HIGH LUB L 2 HIGH LUB L 474
	Chains	BERUMOLY P 65 BERULUB KL