

BECHEM special products for steel plants

Plant	Area	Application point	BECHEM product
Sintering and furnace	Furnaces	water hydraulic system (HFA)	BECHEM STARLIT EM
		hydraulic system (HFD)	HYDROSTAR TE 68 S
		converter gear box	BECHEM STAROIL SMO
		gear boxes with damaged flanks	BECHEM ECOGEAR M
		main bearings	HIGH LUB FA 50 MO
		open gears, steel hoist cables and chains	BERULIT GA 400
		plain and roller bearings	HIGH LUB L 474
		srews, sliding guides, furnace trunnions	BERULUB VPN 13
		bell & hopper arrangement, revolving shute	BERUTOX M 21 KN
		hot blast slide valve	BERUTOX M 21 KN
		trap doors ans sliders in the cowper area	BERUTOX M 21 KN
		tapwhole drilling and sealing equipment	BERUMOLY FF 89 B
		roll scale car, ladle cran and sliding packings	BERUTOX M 21 KN
		hot blast blower, hot blast valve joints	BERUTOX M 21 KN
		mixing & dosing unit sintering	BERUMOLY AM
		joints in oxigen pipes	BERULUB OX 100 EP
		wire ropes	HIGH LUB SW 2 V
	Sintering kilns Reduction kilns	open gears	BERULIT GA 400
		kiln support roller bearings (grease)	HIGH LUB FA 50 MO
		kiln support roller bearings (oil)	BERUSYNTH EP
	Coal Mills	loose kiln tyres	BERULUB VPN 13 RINGLUB
		open gears	BERULIT GA 400
		pinion bearings (grease)	HIGH LUB FA 50 MO
		main bearings RP / VRM (grease)	HIGH LUB FA 50 MO
		main bearings RP / VRM (oil)	BERUSYNTH EP
	hydraulic systems RP / VRM	BECHEM HYDROSTAR D	

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Continuous Casting	Hydraulic systems	water hydraulic system (HFA)	BECHEM STARLIT EM
		hydraulic system (HFD)	HYDROSTAR TE 68 S
	Ladle turret	open gear	BERULIT GA 400
		main bearing	HIGH LUB FA 50 MO
	Torch cutting	joints and valves in oxygen pipes	BERULUB OX 100 EP
	Strand guide and discharge area	bearings up to 180°C	BERUTOX M 21 KN
		bearings up to 220°C	BERUTOX MBSA-H
		bearings up to 240°C	BERUTOX FH 28 KN
		bearings up to 260°C	BERUTOX VPT 64
		gear boxes exposed to radiation	BERUSYNTH EP
	screws and sliding guides	BERULUB VPN 13	

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Hot wide strip mill	Reheating and annealing furnaces	roller bearings	BERUTOX MBSA-H
		furnace hinges	BERULUB VPN 13
		gear boxes	BECHEM STAROIL G
		gear boxes with damaged flanks	BERUGEAR GS BM
	Roll stands	roll neck bearings	HIGH LUB L 474
		roll neck bearings CVC technology	HIGH LUB FA 67-400
		roll neck bearings Morgoil	BECHEM OVITOL KTM
		roller bed bearings	HIGH LUB L 474
		e-motors	HIGH LUB L 474
		universal-joint shafts of vertical roll stands	BERUTOX M 21 EPK 420 MO
		journal box guidance	HIGH LUB FA 50 MO
		drive shaft joints	HIGH LUB FA 50 MO
		warm bed rolls	BERUTOX M 21 KN
		coiler bearings, drive rolls, winding roll support	BERUTOX M 21 KN
		gear couplings	BERULIT GA 2500
		gear boxes exposed to radiation	BERUSYNTH EP
		gear boxes with damaged flanks	BECHEM ECOGEAR M
		water hydraulic system (HFA)	BECHEN STARLIT EM
	Cranes	open gears	BERULIT GA 2500 SPRAY
		wheel bearings, e-motors	HIGH LUB L 474
wire ropes		HIGH LUB SW 2 V	

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Plant	Area	Application point	BECHEM product	
Cold strip, shape, sheet, rod mill	Roll stands	roll neck bearings	HIGH LUB L 474	
		roll neck bearings Morgoil	BECHEM OVITOL KTM	
		roller bed bearings	HIGH LUB L 474	
		e-motors	HIGH LUB L 474	
		universal-joint shafts of vertical roll stands	BERUTOX M 21 EPK 420 MO	
		journal box guidance	HIGH LUB FA 50 MO	
		drive shaft joints	HIGH LUB FA 50 MO	
		coiler bearings, drive rolls, winding roll supp	HIGH LUB L 474	
		gear couplings	BERULIT GA 2500	
		gear boxes with damaged flanks	BECHEM ECOGEAR M	
		water hydraulic system (HFA)	BECHEN STARLIT EM	
	Reheating and annealing furnaces	roller bearings	BERUTOX MBSA-H	
		furnace hinges	BERULUB VPN 13	
		gear boxes	BECHEM STAROIL G	
		gear boxes with damaged flanks	BECHEM ECOGEAR M	
	Galvanisation metallic coating	roll neck bearings	HIGH LUB FA 67-400	
		roll neck bearings pickling line	HIGH LUB SW 2	
		gear boxes with leakage problems	HIGH LUB GETRIEBEFETT	
	Tube mill	Mill stand	water hydraulic system (HFA)	BECHEN STARLIT EM
			roller bearings	HIGH LUB L 474
mechanical expanders			BECHEM RHUS RTV-C	
mechanical expanders for tubes with extreme wall thickness			BECHEM RHUS RTV-D	
Railway	Tracks	switch plates	BERULUB ECORAIL 2000	