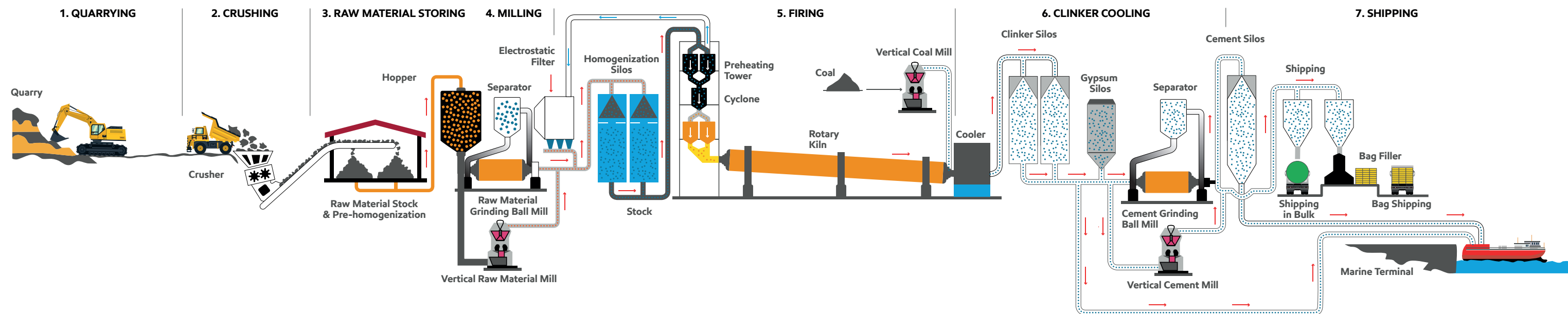


# Cement Industry Lubrication Guide



Dump Trucks Wheel Loaders Bulldozers	Engine Transmission Converter Hydraulics/Steering Final Drive Grease points - Pins & Chassis - Bearing	Mobil Delvac 1™	Mobil Delvac MX™ Mobiltrans™ HD 50 Mobiltrans HD 50 Mobil Delvac 1310 Mobiltrans HD 50
		Mobilith SHC™ 460 Mobilith SHC 460	Mobilgrease XHP™ 322 Mine Mobilgrease XHP 223
Drills	Engine Transmission	Mobil Delvac 1	Mobil Delvac MX Mobiltrans HD 50
Compressors	Reciprocating Rotary	Mobil Rarus™ 800 Series Mobil SHC Rarus™ Series	Mobil Rarus™ 400 Series Mobil Rarus 400 Series/ Mobil DTE™ 20 Series
Conveyor	Electric Motor Bearings Gearbox	Mobil SHC Polyrex™ 102 EM Mobil SHC 600 Series/ Mobil SHC Gear Series Mobilith SHC 1500 Mobilith SHC 460 Mobilith SHC 220 Mobilith SHC 460	Mobil Polyrex™ EM Mobilgear™ 600 XP Series
	Couplings		Mobilgrease XTC Mobilgrease XHP 223 Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series
	Bearings		
Crusher	Electric Motor Bearings Gearbox	Mobil SHC Polyrex 102 EM Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC 500 Series	Mobil Polyrex EM Mobilgear 600 XP Series
	Hydraulic Jack		Mobil DTE 10 Excel Series Mobil DTE 20 Series
Breaker Screen / Feeders	Greased Bearings Plain Bearings Hydraulics	Mobilith SHC Series Mobil SHC 600 Series Mobil SHC 500 Series	Mobilgrease XHP 222 Mobil DTE Named Series Mobil DTE 10 Excel Series Mobil DTE 20 Series
Stackers	Bearings	Mobilith SHC 220 Mobilith SHC 460 Mobil SHC 600 Series/ Mobil SHC Gear Series	Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series Mobilgear 600 XP Series
	Gearbox		
	Open Gears		Mobilgear OGL 009
Collectors	Cables	Mobil SHC Gear 3200/6800 Mobil SHC Gear 22M/46M	Mobilarma™ 798 Mobil Polyrex EM
	Electric Motor Bearings	Mobil SHC Polyrex 102 EM	
	Bearings	Mobilith SHC 220 Mobilith SHC 460 Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC Gear 3200/6800 Mobil SHC Gear 22M/46M	Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series Mobilgear 600 XP Series Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series Mobilgear 600 XP Series

Vertical Raw Material Mill	Electric Motor - Greased Bearings Electric Motor - Plain Bearings Gearbox	Mobil SHC Polyrex 102 EM Mobil SHC 600 Series Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC 600 Series Mobil SHC 500 Series	Mobil Polyrex EM Mobil DTE Named Series Mobilgear 600 XP Series
	Mill Bearing/Worm Gear Hydraulics		Mobil DTE Named Series Mobil DTE 10 Excel Series Mobil DTE 20 Series
	Grinding Roller Bearings	Mobil Glygoyle™ Series	
Vertical Coal Mill	See Vertical Raw Material Mill		
Raw Material Grinding Ball Mill	See Cement Grinding Ball Mill		
Pre-Heater (Horizontal)	Electric Motor - Greased Bearings Electric Motor - Plain Bearings Gearbox	Mobil SHC Polyrex 102 EM Mobil SHC 600 Series Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC Gear 3200/6800 Mobil SHC Gear 22M/46M Mobil SHC 600 Series Mobil SHC Polyrex 102 EM Mobil SHC 600 Series Mobilith SHC 1500 Mobilith SHC 460 Mobil SHC 600 Series	Mobil Polyrex EM Mobil DTE Named Series Mobilgear 600 XP Series
	Open Gears		Mobilgear OGL 009
	Pinion/Trunnion/Thrust Bearings Fans - Greased Bearings Fans - Plain Bearings Couplings		Mobilgear 600 XP Series Mobil Polyrex EM Mobilgear 600 XP Series Mobilgrease XTC Mobilgrease XHP 223 Mobilgear 600 XP Series
	Auxiliary Reducers		
Air Separators	Electric Motor Bearings Gearbox Separator Shaft Bearings Compressors - Reciprocating - Rotary	Mobil SHC Polyrex 102 EM Mobil SHC 600 Series Mobil SHC 600 Series  Mobil Rarus 800 Series Mobil SHC Rarus Series	Mobil Polyrex EM Mobilgear 600 XP Series Mobilgear 600 XP Series  Mobil Rarus™ 400 Series Mobil Rarus 400 Series/DTE 20
Homogenizer	Compressors - Reciprocating - Rotary  Blowers	Mobil Rarus 800 Series Mobil SHC Rarus Series  Mobil SHC 600 Series	Mobil Rarus 400 Series Mobil Rarus 400 Series/ Mobil DTE 20 Series Mobil DTE Named Series
Kiln	Auxiliary Diesel Engine Auxiliary Reducers Electric Motor - Greased Bearings Electric Motor - Plain Bearings Drive Gearbox	Mobil Delvac 1 Mobil SHC 600 Series Mobil SHC Polyrex 102 EM Mobil SHC 600 Series Mobil SHC 600 Series	Mobil Delvac MX Mobilgear 600 XP Series Mobil Polyrex EM Mobil DTE Named Series Mobilgear 600 XP Series
Open Gears	Pinion Bearings/ Thrust Bearings/Vertical Bearings Couplings  Support Roller Bearings	Mobil SHC 600 Series Mobilith SHC 1500 Mobilith SHC 460 Mobil SHC 600 Series	Mobilgear 600 XP Series  Mobilgrease XTC Mobilgrease XHP 223 Mobil Vacuoline™ 500 Series

Material Transport	Bearings	Mobilith SHC 220 Mobilith SHC 460 Mobil SHC Polyrex 102 EM Mobilith SHC 220 Mobilith SHC 460 Mobil SHC Polyrex 102 EM Mobil SHC 600 Series/ Mobil SHC Gear Series	Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series Mobil Polyrex EM Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series Mobil Polyrex EM Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series
	Fans Chains		
	Electric Motor Bearings Gearbox		
Screen	Gearbox	Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC Polyrex 102 EM Mobilith SHC 220 Mobilith SHC 460	Mobilgear 600 XP Series
	Electric Motor Bearings Bearings		Mobil Polyrex EM Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series
Roller Press	Bearings Gearbox	Mobilith SHC 1500 Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC 500 Series	Mobilgear 600 XP Series
	Hydraulics		Mobil DTE 10 Excel Series Mobil DTE 20 Series
Cement Grinding Ball Mill	Electric Motor - Greased Bearings Electric Motor - Plain Bearings Gearbox	Mobil SHC Polyrex 102 EM Mobil SHC 600 Series Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC Gear 3200/6800 Mobil SHC Gear 22M/46M Mobil SHC 600 Series Mobilith SHC Series Mobil SHC 600 Series Mobil SHC 600 Series Mobilith SHC 1500 Mobilith SHC 460 Mobil SHC 600 Series	Mobil Polyrex EM Mobil DTE Named Series Mobilgear 600 XP Series
	Open Gears		Mobilgear OGL 009
	Mill Trunnion Bearings Mill Pinion Bearings Fans - Greased Bearings Fans - Plain Bearings Couplings Auxiliary Reducers		Mobil Vacuoline 500 Series Mobilgrease XHP Series Mobil DTE Named Series Mobilgrease XTC Mobilgrease XHP 223 Mobilgear 600 XP Series
Vertical Cement Mill	See Vertical Raw Material Mill		
Air Separators	Electric Motor Bearings Gearbox	Mobil SHC Polyrex 102 EM Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC 600 Series	Mobil Polyrex EM Mobilgear 600 XP Series
	Shaft Bearings		Mobilgear 600 XP Series
Drive	Blowers Compressors - Reciprocating - Rotary	Mobil SHC 600 Series  Mobil Rarus 800 Series Mobil SHC Rarus Series	Mobilgear 600 XP Series  Mobil Rarus 400 Series Mobil Rarus 400 Series/ Mobil DTE 20 Series Mobil Polyrex EM
Material Transport	Fans	Mobil SHC Polyrex 102 EM	
	Couplings		
	Gearbox		
	Bearings	Mobilith SHC 1500 Mobilith SHC 460 Mobil SHC 600 Series/ Mobil SHC Gear Series Mobil SHC 220 Mobilith SHC 460	Mobilgrease XTC Mobilgrease XHP 223 Mobilgear 600 XP Series Mobilgrease XHP 220 Series Mobilgrease XHP 460 Series