



Cement

Process Machinery	Component Parts	Mobil Product(s)*	Mobil Advantage
Quarry		Quarry plant is not worked at night, so cold start problems possible.	
Large Mobile Equipment	Engine	<i>Mobil Delvac 1</i>	Wear protection; extended lubrication interval; potential fuel economy
	Transmissions	<i>Mobil Delvac Synthetic Transmission Fluids</i>	Long-term frictional properties; thermal and oxidative stability; shear stability; wear protection
	Differentials	<i>Mobil Delvac Synthetic Gear Oils</i>	Load carrying capability; thermal and oxidative stability; shear stability; wear protection
Rock Drills	Power Head: • Worm Gear Drive	<i>Mobil SHC 600 Series</i>	Wear protection; high load capability; wide operating temperature range
	• Parallel Gear Drive	<i>Mobil Delvac Synthetic Gear Oils</i>	Load carrying capability; thermal and oxidative stability; shear stability; wear protection
Conveyors (Belts)	Gearbox • Grease	<i>Mobilith SHC 007</i>	Wear protection; extended lubrication interval
	• Oil	<i>Mobil SHC 600 Series</i> <i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Head, Tail, and Tension Bearings	<i>Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval; suitable for grease dispensing system (Mobilith SHC 220)
Raw Material Preparation			
Vibrating Screens	Gearbox	<i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Bearings (Oil)	<i>Mobil SHC 600 Series</i>	Wear protection; high load capability; wide operating temperature range
Schenk Cantar	Gearbox	<i>Mobil Glygoyle Series</i>	Wear protection; high load capability; wide operating temperature range; energy efficiency

*Notes: ***Bold/Italics Text = Synthetic***

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Process Machinery	Component Parts	Mobil Product(s)*	Mobil Advantage
Crushers (Jaw Type)	Bearings	<i>Mobilith SHC 1500</i> <i>Mobilith SHC 1000 Special</i>	High temperature and heavy load capability; extra protection under boundary lubrication conditions (slow speeds, heavy loads)
	Gearbox	<i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Open Gears	<i>Mobilgear SHC 22M/46M</i>	Strong protection for slow-speed, heavily loaded open gear systems; applied thru spray system; solvent-free formulation
Crushers (Cone Type)	Gearbox	<i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
Mills (Horizontal Axis)	Gearbox	<i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Open Gears	<i>Mobilgear SHC 22M/46M</i>	Strong protection for slow-speed, heavily loaded open gear systems; applied thru spray system; solvent-free formulation
Slurry Basins/Wash Mills			
	Pivots	<i>Mobilith SHC 1500</i>	High temperature and heavy load capability; extra protection under boundary lubrication conditions (slow speeds, heavy loads)
	Gearbox	<i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Open Gears	<i>Mobilgear SHC 22M/46M</i>	Strong protection for slow-speed, heavily loaded open gear systems; applied thru spray system; solvent-free formulation
Roller Press	Bearings	<i>Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval; suitable for grease dispensing system (Mobilith SHC 220)
	Gearbox	<i>Mobilgear SHC XMP Series</i> <i>Mobilgear SHC Series</i>	Wear protection; high load capability; wide operating temperature range

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Process Machinery	Component Parts	Mobil Product(s)*	Mobil Advantage
Kiln Drive	Primary Gearbox	<i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Open gears	<i>Mobilgear SHC 22M/46M</i>	Strong protection for slow-speed, heavily loaded open gear systems; applied thru spray system; solvent-free formulation
	Hydraulic Drive	<i>Mobil SHC 500 Series</i>	Wide operating temperature range; extended oil/filter life; shear stability; keep clean
Support Rollers	Bearings	<i>Mobiltemp SHC 460 Special Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval
Thrust Mechanism	Thrust Slides	<i>Mobiltemp SHC 460 Special Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval
After Cooler/Grate			
Other	Bearings	<i>Mobiltemp SHC 460 Special Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval
Sepol Separator	Bearings	<i>Mobilith SHC 1500</i>	High temperature and heavy load capability; extra protection under boundary lubrication conditions (slow speeds, heavy loads)
	Gearbox • Grease • Oil	<i>Mobilith SHC 007</i> <i>Mobil SHC 600 Series</i> <i>Mobil Glygoyle Series</i> <i>Mobilgear SHC XMP Series</i>	Wear protection; extended lubrication interval Wear protection; high load capability; wide operating temperature range

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Process Machinery	Component Parts	Mobil Product(s)*	Mobil Advantage
Precipitator			
Clinker Cooler Hammer Mill	Gearbox • Grease	<i>Mobilith SHC 007</i>	Wear protection; extended lubrication interval
	• Oil	<i>Mobil SHC 600 Series</i> <i>Mobil Glygoyle Series</i> <i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Bearing	<i>Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval
Cement Grinding			
Horizontal Axis Mill (largest power consumer on-site)	Electric Motor Bearing	<i>Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval
	Support Bearings/Jacking System	<i>Mobil Glygoyle Series</i>	Wear protection; high load capability; wide operating temperature range; energy efficiency
	Gearbox	<i>Mobilgear SHC XMP Series</i> <i>Mobil SHC 600 Series</i>	Wear protection; high load capability; wide operating temperature range
Horizontal Axis Mill (open gear drive – in addition to above)	Open Gears	<i>Mobilgear SHC 22M/46M</i>	Strong protection for slow-speed, heavily loaded open gear systems; applied thru spray system; solvent-free formulation
		<i>Mobilgear SHC 3200/6800</i> (if retrofitted with recirculation system)	Excellent wear protection; reduced oil consumption
Packing / Palletizing			
Conveyors	Small Gearboxes • Grease	<i>Mobilith SHC 007</i>	Wear protection; extended lubrication interval
	• Oil	<i>Mobil SHC 600 Series</i> <i>Mobil Glygoyle Series</i> <i>Mobilgear SHC XMP Series</i>	Wear protection; high load capability; wide operating temperature range
	Head, Tail, and Tension Bearings	<i>Mobilith SHC Series</i>	Wear protection; extended lubrication interval

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Process Machinery	Component Parts	Mobil Product(s)*	Mobil Advantage
Ancillary Equipment			
Exhaust Fan	Motor, Bearings	<i>Mobilith SHC Series</i>	Wide operating temperature range; wear protection; extended lubrication interval
Air Distribution System	Screw Compressor, Air Line Lubricators	<i>Mobil Rarus SHC 1020 Series</i>	Wear protection; extended lubrication interval
	Reciprocating and Rotary Compressors, Air Line Lubricators	<i>Mobil Rarus 800 Series</i>	Wear protection; extended lubrication interval
Fork-lift Truck	Engine	<i>Mobil Delvac 1</i>	Wear protection; extended lubrication interval; potential fuel economy

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