

ABOUT ADNOC GROUP



50,000+
Employees



LARGEST drilling company in the Middle East with **100+** onshore, offshore and well water rigs.



LARGEST network of service stations in UAE - **500+** Service Stations, **340+** Convenience Stores



LARGEST single oil refinery in the Middle East



LARGEST gas processing plants with capacity of **8 billion** standard cubic feet per day



UAE'S most valuable brand for **4** consecutive years

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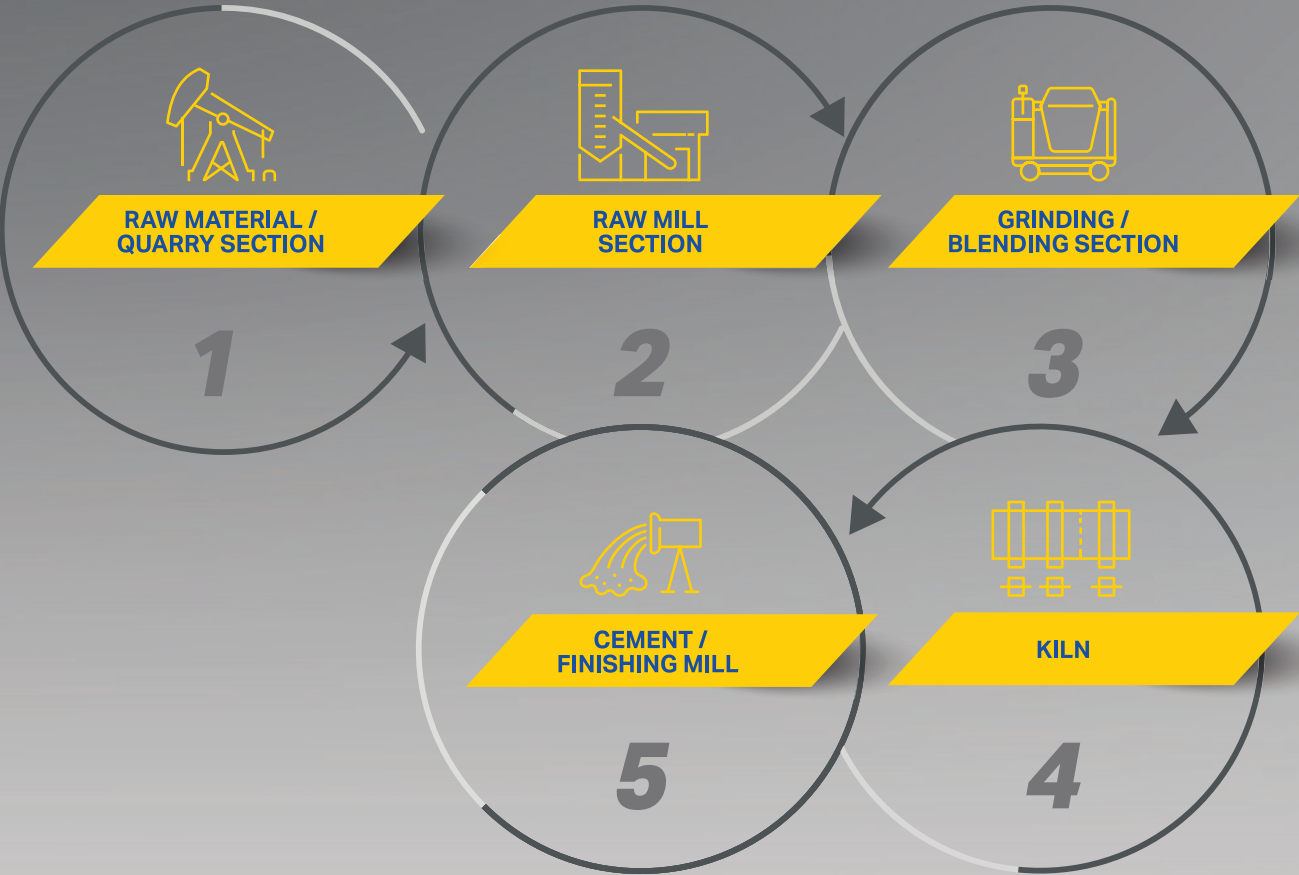


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ADNOC LUBRICANT FOR CEMENT INDUSTRY



OVERVIEW



RAW MATERIAL / QUARRY SECTION



EQUIPMENT	COMPONENT	BEST	BETTER	REMARKS
Mobile Equipment	Engine	ADNOC Voyager Ultra 15W-40	ADNOC Voyager Plus 15W-40	SAE 15W-40 or as specified by OEM/EB
	Hydraulic	ADNOC Hydraulic Oil HP	ADNOC Hydraulic Oil H	ISO VG 46, 68, 100
	Transmission	ADNOC Gear Oil SX	ADNOC Gear Oil GX	Refer to OEM/EB Specification
	Differential Drive	ADNOC Gear Oil SX	ADNOC Gear Oil GX	Refer to OEM/EB Specification
	Final Drive	ADNOC Gear Oil SX	ADNOC Gear Oil GX	Refer to OEM/EB Specification
	Grease Points	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Grease Points - Moly	ADNOC Grease Moly MP 2		
Rock Drills	Gear Drive / Gearbox - Oil (Worm)	ADNOC SynGear PG	ADNOC Compounded Gear Oil	ISO VG 320, 460
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320, 460
Rock Drills - Pneumatic	Rock drills and Hammer	ADNOC Rock Drilling Oil		ISO VG 100, 150,220
Conveyors	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Gearbox - Grease	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt

RAW MILL SECTION



EQUIPMENT	COMPONENT	BEST	BETTER	REMARKS
Crushers	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
	Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Hydraulic	ADNOC Hydraulic Oil HP	ADNOC Hydraulic Oil H	ISO VG 46, 68, 100
Conveyor	Conveyor	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Coupling - Grease	ADNOC Grease OGL GAX 1000		OGL Viscosity is ~1000 CSt
Stacker/Reclaimer	Stacker/Reclaimer	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Open Gear	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt
	Cable	ADNOC OGL & WR Compound		

GRINDING/BLENDING SECTION



EQUIPMENT	COMPONENT	BEST	BETTER	REMARKS
Roller Press	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
Ball Mill	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Plain Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
	Open Gear	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt
	Trunnion/Thrust/Pinion Bearing	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320, 460
	Fan Bearing - Grease	ADNOC Grease LX EP 2	ADNOC Grease EP 2	
	Coupling - Grease	ADNOC Grease OGL GAX 1000		OGL Viscosity is ~1000 CSt
	Speed Reduction Gearbox	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320
Roller Mill - Horizontal	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
	Open Gear	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt
Roller Mill - Vertical	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
	Gear Drive / Gearbox - Oil (Worm)	ADNOC SynGear PG	ADNOC Compounded Gear Oil	ISO VG 220, 320, 460
	Hydraulic	ADNOC Hydraulic Oil HP	ADNOC Hydraulic Oil H	ISO VG 46, 68, 100
Blending Silo	Air Compressor	ADNOC Synthetic Compressor Oil PA	ADNOC Compressor Oil	ISO VG 46, 68, 100, 150
	Fan Blower Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220

KILN



EQUIPMENT	COMPONENT	BEST	BETTER	REMARKS
Kiln	Speed Reduction Gearbox	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320, 460
	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Plain Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
	Open Gear	ADNOC OGL 22000		OGL Viscosity is ~22000 CSt
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Coupling - Grease	ADNOC Grease OGL GAX 1000		OGL Viscosity is ~1000 CSt
	Support Roller Bearing	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 320, 460, 680, 1000
	Tire Roller	ADNOC OGL 22000		OGL Viscosity is ~22000 CSt
Cooler	Fan Bearing - Grease	ADNOC Grease LX EP 2	ADNOC Grease EP 2	
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Chain	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 220, 320, 460
High Pressure Fan	Fan Bearing - Grease	ADNOC Grease LX EP 2	ADNOC Grease EP 2	
	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	

FINISHING



EQUIPMENT	COMPONENT	BEST	BETTER	REMARKS
Cement Mill	Plain Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320, 460
	Open Gear	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt
	Trunnion/Thrust/Pinion Bearing	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320, 460
	Fan Bearing - Grease	ADNOC Grease LX EP 2	ADNOC Grease EP 2	
	Coupling - Grease	ADNOC Grease OGL GAX 1000		OGL Viscosity is ~1000 CSt
	Speed Reduction Gearbox	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320, 460

OTHER AUXILIARY EQUIPMENT



EQUIPMENT	COMPONENT	BEST	BETTER	REMARKS
Exhaust Fan	Electric Motor Bearing	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
	Plain Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
Pneumatic Distribution Systems	Air Compressor	ADNOC Synthetic Compressor Oil PA	ADNOC Compressor Oil	ISO VG 46, 68, 100, 150
Conveyor	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Gearbox - Grease	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
Bucket Elevator	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220, 320
	Gearbox - Grease	ADNOC Grease OGL GAX 500		OGL Viscosity is ~500 CSt
	Bearing - Grease	ADNOC Grease PA 220 2	ADNOC Grease EP 2	
Vibrating Screens	Gear Drive / Gearbox - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220
	Plain Bearing - Oil	ADNOC SynGear PA	ADNOC Industrial Gear Oil EP	ISO VG 150, 220

TECHNICAL SUPPORT SERVICES



OIL ANALYSIS PROGRAM	TRAININGS AND SEMINARS	LUBRICATION PROGRAM CONSULTANCY	PRODUCT/FORMULATION DEVELOPMENT
Key advantages: - Information on oil and machine condition - Results discussions and recommendations Potential Benefits: - Right decisions at the right time - Optimum reliability from machines	Key advantages: - Personnel competency - Knowledge refresher on lubrication - Introduce new products and services - Latest industry best practices Potential Benefits: - Peak personnel performance which are significant in achieving business goals	Key advantages: - Lubrication program - Objective-based performance assessments - Machine preparation on oil change-over - Determine areas for improvement - Product applications & recommendations - Troubleshooting Potential Benefits: - Improved operation and productivity - Reduced downtimes - Lower overall cost	Key advantages: - Ensures products meet the latest OEM specifications and approvals - Ensures product are suitable against manufacturer requirement Potential Benefits: - Optimum operation and productivity