



GEE Limited

MINING				
Sr	Components	Base Metal	Wear Factor	Recommendations
<b>I. NAME OF THE MACHINE SHOVEL</b>				
1	Bucket Tooth	Mn Steel	Abrasion / Impact	GEMET 306 / 620
2	Bucket Lip	Mn Steel	Abrasion / Impact	GEMET 306
3	Track Shoes	Mn Steel	Friction / Impact	GEMET 314
4	Sprocket	Steel	Friction / Abrasion / Impact	GEMET 301
5	Rack Pinion	Steel	Friction	GEMET 103 / 209
6	Rack Teeth	Steel	Friction	GEMET 103 / 301
7	Bucket Body	Mn Steel	Abrasion / Impact	GEMET 314 / 320
8	Latch Bar	Mn Steel	Friction / Abrasion	GEMET 314 / 320
9	Latch Keeper	Mn Steel	Friction / Abrasion	GEMET 314 / 320
10	Slides	Steel	Friction	GEMET 103 / 209
11	Intermediate Hoist Shaft	Steel	Friction	GEMET 209 / 209 FGS
12	Boom Stick	Steel	Crack	GEMET 103 / 209
13	Swing Drum	Steel	Crack	GEMET 103
14	Take up Axle Shaft	Steel	Friction	GEMET 103 / 209
15	Shaft for Rack Pinion	Steel	Friction	GEMET 209 / 209 FGS
17	Bevel gear on Horizontal Proper Shaft	Steel	Friction	GEMET 209 / 209 FGS
18	Idlers	Steel	Friction	GEMET 103 / 301

<b>II. DRILL MASTER</b>				
1	Chassis	Steel	Crack	GEMET 103
2	Main Base Frame	Steel	Crack	GEMET 103
3	Support Lever	Steel	Crack	GEMET 209 / 209 FGS
4	Spool Valve Handle	Steel	Crack	GEMET 103
5	DRP-2 Rotary Head Floating Spindles	Steel	Friction	GEMET 209 / 209 FGS
6	Spinlde Complete	Steel	Friction	GEMET 209 / 209 FGS
7	Hoisting winch motor clutch lever	Steel	Crack	GEMET 103 / 209



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III. DRILL MASTER				
1	Brake Lever	Steel	Crack	GEMET 103 / 209
2	Tower Cylinder Bushing Bracket	Steel	Crack	GEMET 103
3	Dust Collector Blower Cyclone Type Housing	Cast Iron	Abrasion / Crack	GEMET 501 / 503
4	Rod Changer Assembly	Steel	Crack	GEMET 209 / 209 FGS
5	Drill Road Support Plate Guides	Steel	Friction	GEMET 103 / 209
6	Tower Support Bracket	Steel	Crack	GEMET 103 / 209

IV. HAULPAK DUMPER				
1	Pivot Pin	Alloy Steel	Friction	GEMET 209
2	Suspension Eye	Alloy Steel	Crack	GEMET 103 / 301
3	Pivot Pinion Carrier	Alloy Steel	Friction Crack	GEMET 209 / 209 FGS

V. COAL DRILL				
1	Track Frame	Steel	Crack	GEMET 103
2	Chassis	Steel	Crack	GEMET 103 / 209
3	Tower	Steel	Crack	GEMET 209 / 209 FGS
4	Tower Bracket	Steel	Crack	GEMET 103

VI. HAMMER				
1	Chuck	Steel	Friction / Abrasion	GEMET 103
2	Back head	Steel	Friction	GEMET 103 / 301
3	Clevies (Dump Shaft)	Steel	Crack	GEMET 209

VII. DOZERS				
1	Carrier Rollers	Steel	Friction / Abrasion	GEMET 301
2	Idlers	Steel	Friction / Abrasion	GEMET 103 / 301
3	Sprocket	Steel	Friction / Abrasion	GEMET 301
4	"C" Frame	Steel	Abrasion / Crack	GEMET 103 / 209
5	Track Rollers	Steel	Friction	GEMET 301
6	"C" Frame Bracket	Steel	Crack	GEMET 103 / 209



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7	Base Arms	Steel	Abrasion / Crack	GEMET 103 / 301
8	Blade Assembly	Mn Steel	Impact / Abrasion	GEMET 314
9	Radiator Tubes	Copper	Leakage	
10	Oil Coller Tubes	Copper	Leakage	
11	Transmissions Collar	Steel	Friction	
12	Gear Shifting Lever	Steel	Friction	GEMET 209
13	Track Frame	Steel	Crack	GEMET 103 / 209
14	Idler Shaft	Steel	Friction / Abrasion	GEMET 103 / 301
15	Track Frame Lever	Steel	Crack	GEMET 209
16	Dozer End Bits	Mn Steel	Impact / Abrasion	

#### **VIII. BOTTOM DUMPER**

1	Goose Neck	Steel	Crack	GEMET 602 / 103 / 209
2	Goose Neckside Corner Box	Steel	Crack	GEMET 602 / 209
3	Door Opening Cylinder Pulley Bracket	Steel	Crack	GEMET 209 / 209 FGS
4	Exhaust Piper	Mild Steel	Leakage	
5	Transmissions Copper Tube	Copper	Leakage	
6	Oil Coller Tubes	Copper	Leakage	
7	Exhaust Manifold	Cast Iron	Crack	GEMET 503
8	Water Pump Bracket	Steel	Crack	GEMET 103
9	Chassis	Steel	Crack	GEMET 103 / 209

#### **IX. LOADERS**

1	Bucket Body	Steel	Abrasion	GEMET 320
2	Bucket Bracket	Steel	Shockload Cracks	GEMET 103 / 209
3	Cutting Edges	Mn Steel	Impact / Abrasion	GEMET 314
4	Brake Head Cover	Mild Steel	Crack	GEMET 102
5	Hydraulic Main Delivery Pipe	Mild Steel	Crack	
6	Bucket Tooth	Mn Steel	Abrasion / Impact	GEMET 314 / 320
7	Hoist Arms	Steel	Crack	GEMET 103 / 209



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<b>X. MOTOR GIRDER</b>				
1	Blade Lifting Arm	Steel	Crack	GEMET 209
2	Brake Drum	Cast Iron	Friction	GEMET 501 / 503
3	Lifting Housing Mounting Bracket	Steel	Crack	GEMET 103

<b>XI. VITAL COMPONENTS FOR POWDER APPLICATIONS</b>				
1	Vertical Hollow Shaft	Steel	Friction	
2	Hoist gear / Swing gear	Steel	Friction	
3	Bevel Pinion	Steel	Friction	
4	Salient Sprocket	Steel	Friction	
5	Suspension Holder	Cast Steel	Friction	



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