



GEE Limited

TRANSPORT				
Sr	Components	Base Metal	Wear Factor	Recommendations
I. CLUTCH				
1	Clutch housing	Cast Iron	Cracked Impact/Friction	GEMET 503
2	Clutch withdrawal face	Cast Iron	Impact finger area friction	GEMET 503 / 503B
3	Clutch withdrawal face	Cast Steel	Impact / Finger area friction	GEMET 317
4	Clutch release collar	Cast Steel	Pins / Friction	
5	Clutch release finger	Cast Steel	Broken / Impact	GEMET 310
6	Clutch yoke	Cast Steel	Friction	GEMET 310
7	Rear flange	Cast Steel	Friction	
8	Interlock shifter shaft	Forged Steel	Friction / Impact	GEMET 209 / 209 FGS
II. ENGINE				
1	Cylinder block	Cast Iron	Impact / Cracked	GEMET 501 / 503
2	Cylinder head	Cast Iron	Impact / Cracked	GEMET 503 / 503B
3	Connecting rod	Alloy Steel	Friction	GEMET 503/ 503B
4	Enginer cam shaft	Alloy Steel	Compressed / Friction	GEMET 317
5	Crank shaft	Alloy Steel	Friction	GEMET 317
6	Rocker arm	Alloy Steel	Friction	
7	Impeller	Cast Steel	Friction / Vanes wornout	
8	Pulley	Cast Steel	V-Belt Area / Friction /Heat	GEMET 310
9	Flywheel ring gear	Alloy Steel	Chipped / Broken teeth / Friction	GEMET 209 / 209 FGS
10	Fuel injection cam shaft	Alloy Steel	Heat	GEMET 317
11	Patching in cylinder block	Cast Iron	Cracked / Heat	GEMET503/ 503B
12	Bell housing	Cast Iron	Cracked / Friction Heat	
III. GEAR BOX				
1	Clear box housing	Cast Iron	Impact / Cracked	GEMET 501 / 503
2	Clear box housing	Cast Iron	Bearing area / Friction	GEMET 504
3	Gear Shifting fork	Steel	Impact	GEMET 3006 AS
4	Gear	Steel	Pitting on teeth / Corrosion	GEMET 209 / 209 FGS
5	Gear	Steel	Impact / Chipped or Broken	GEMET 209 / 209 FGS
6	Gear shifting shaft	Steel	Friction / Chipped teeth / Impact / bearing area	GEMET 209 / 209 FGS
7	Gearcase cover	Steel	Friction / Seal area	
8	Gear box output flange	Steel	Friction / Seal area	



IV. PROPELLER SHAFT				
1	Flange	Steel	Friction / Impact / Elongated hole	GEMET 103 / 104
2	Propeller shaft (rear)	Alloy Steel	Bearing seat / Friction	GEMET 209 / 209 FGS
3	Propeller shaft (front)	Alloy Steel	Housing spline / Friction	GEMET 209 / 209 FGS
4	Propeller yoke	Alloy Steel	Cup set / Friction	
5	Bearing caps	Alloy Steel	Bearing seats / Friction	

V. DIFFERENTIAL				
1	Thrust area	Steel	Impact	GEMET 209 / 209 FGS
2	Bearing area	Steel	Heat	GEMET 209 / 209 FGS
3	Housing	Cast Iron	Cracked / Heat	GEMET 501 / 503
4	Housing	Cast Steel	Cracked / Heat	GEMET 209 / 209 FGS
5	Spider	Steel	Friction	
6	Hypoid gear	Steel	Impact / Chipped off	GEMET 209 / 209 FGS
7	Crown wheel	Steel	Impact / Chipped teeth	GEMET 209 / 209 FGS
8	Crown wheel	Brass	Chipped teeth / Friction	
9	Pinion shaft	Steel	Bearing area / Friction	
10	Rear axle housing	Alloy Steel	Damaged threads / Friction / Impact	GEMET 209 / 209 FGS
11	Pinion flange	Steel	Friction / Impact	GEMET 209
12	Leaf spring	Spring Steel	Impact / Broken	GEMET 209 / 209 FGS
13	Slack adjuster	Cast Iron	Heat	GEMET 504

VI. AXLE & WHEEL				
1	Wheel rim	Steel	Impact / Heat / Elongated holes	GEMET 103 / 209
2	Stub axle	Steel	Friction / Damaged threads / bearing area	GEMET 209 / 209 FGS
3	Wheel hub	Steel	Friction / Bearing area	GEMET 209
4	Rear axle tube	Steel	Corrosion / Pitting on teeth	GEMET 209 / 209 FGS
5	Rear axle shaft	Steel	Friction / Impact / Bolt holes get elongated	GEMET 209 / 209 FGS
6	Rear hub	Cast Iron	Heat / Cracked	GEMET 503 / 503B
7	Front Beam	Cast Steel	Impact / Cracked / Vibration	GEMET 301

VII. BRAKES				
1	Brake cam shaft	Steel	Friction / Bearing area	
2	Stack adjuster	Steel	Impact / Cracked	GEMET 209 / 209 FGS
3	Stack adjuster	Cast Iron	Heat / Cracked	GEMET 503 / 503B
4	Compressor crank shaft	Alloy Steel	Friction	
5	Compressor housing	Cast Iron	Heat / Impact / Cracked	GEMET 501 / 503
6	Abellement block	Cast Iron	Heat / Friction	



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VIII. STEERING

1	Steering housing	Cast Iron	Impact / Friction	
2	Steering housing	Cast Iron	Impact / Cracked	GEMET 501 / 503
3	Sector shaft	Steel	Friction	
4	Steering	Steel	Impact / Cracked	
5	Steering worm wheel	Steel	Impact / Thrust area	

IX. CHASSIS

1	Chassis	Steel	Impact Cracks	GEMET 103 / 209
2	Shackel bracket	Mild Steel	Impact / Pin bores	
3	Leaf spring	Spring Steel	Impact / Broken	GEMET 209 / 209 FGS

X. MISCELLANEOUS

1	Connecting rod	Steel	Impact / Broken	GEMET 209 / 209 FGS
2	Starter motor level cover	Cast Iron	Friction / Heat	
3	Dynamo cover	Cast Iron	Heat / Worn out	
4	Copper contacts	Copper	Heat / Pitting	



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