

Annexure -1
SPARES LIST FOR CUMMINS ENGINE GTA855C(BC) TOP OVERHAULING

Sr No.	Part No	HSN Code	Description	UOM	Qty/Engine
1	4072426	84149090	GASKET,ROCKER LEVER COVER	NO	3
2	5276094	84149090	GASKET,IGNITION COIL	NO	6
3	4090432	84149090	PLUG,SPARK (MAKE-CHAMPION)	NO	6
4	3394581	84149090	SEAL,O RING	NO	12
5	3253272	84149090	HOSE,FLEXIBLE	NO	1
6	5413187	84149090	BELT,V RIBBED	NO	1
7	3414588	84149090	HOSE,FLEXIBLE	NO	1
8	135675	84149090	THERMOSTAT	NO	1
9	3071160	84149090	HOSE,PLAIN	NO	1
10	4056439	84149090	HOSE,ELBOW	NO	1
11	3030513	84149090	HOSE,ELBOW	NO	1
12	125741	84149090	CLAMP,T BOLT	NO	1
13	152026	84149090	CLAMP,T BOLT	NO	1
14	AK 4024 SS	84149090	HOSE,FLEXIBLE	NO	1
15	AK 4016 SS	84149090	HOSE,FLEXIBLE	NO	1
16	63241 F	84149090	HOSE,PLAIN	NO	1
17	186780	84149090	SEAL,THERMOSTAT	NO	1
18	149437	84149090	CLAMP,T BOLT	NO	1
19	125740	84149090	CLAMP,T BOLT	NO	1
20	63411	84149090	HOSE,PLAIN	NO	1
21	125739	84149090	CLAMP,T BOLT	NO	2
22	140332	84149090	CLAMP,T BOLT	NO	4
23	3008690	84149090	CLAMP,HOSE	NO	2
24	172205	84149090	SEAL,O RING	NO	2
25	43828 C	84149090	CLAMP,HOSE	NO	10
26	130740	84149090	GASKET,THERMOSTAT HOUSING	NO	2
27	RO4348735	84149090	HEAD,CYLINDER	NO	3
28	4024946	84149090	UPPER ENGINE GASKET SET	NO	1
29	3545661	84149090	KIT,TURBO REPAIR 4LG	NO	1
30	3099083	84149090	GASKET,OIL PAN	NO	1
31	3076522	84149090	GASKET,WATER PUMP	NO	1
32	168306	84149090	SCREW,SLOTTED SET	NO	12
33	3030787	84149090	HOSE,HUMP	NO	1
34	206576	84149090	GASKET,TURBOCHARGER	NO	1
35	3229096	84149090	GASKET,EXH OUT CONNECTION	NO	1
36	4084347	84149090	GASKET,EXHAUST MANIFOLD	NO	6
37	3233004	84149090	GASKET,FLANGE	NO	2
38	3024960	84149090	GASKET,CONNECTION	NO	1
39	201048	84149090	GASKET,CONNECTION	NO	1
40	S 212	84149090	NUT,REGULAR HEXAGON	NO	12
41	201049	84149090	GASKET,CONNECTION	NO	1
42	65399	84149090	GASKET EXH MANF WATERIN	NO	1
43	216486	84149090	GASKET,AFT HOUSING	NO	2
44	3010030	84149090	GASKET,LUB OIL CLR COVER	NO	1
45	218245	84149090	GASKET LUB COOLER COVER	NO	1
46	3007713	84149090	SEAL,O RING	NO	2
47	3006745	84149090	RING,RETAINING	NO	2
48	3008017	84149090	GASKET,OIL COOLER SUPPORT	NO	1
49	101646	84149090	END,CONTROL ROD	NO	1
50	103000	84149090	END,CONTROL ROD	NO	1
51	3167186	84149090	HOSE,PLAIN	NO	1
52	215705	84149090	SEAL,O RING	NO	1
53	3020183	84149090	SEAL,OIL	NO	1
54	3076203	84149090	SEAL,DUST	NO	1
55	3020185	84149090	SEAL,OIL	NO	1
56	132770	84149090	BUSHING	NO	1
57	3081053	84149090	HOSE,PLAIN	NO	2
58	195952	84149090	SEAL,O RING	NO	4
59	102486	84149090	ISOLATOR,VIBRATION	NO	2
60	4949906	84149090	SEAL,GROMMET	NO	6
61	4071996	84149090	CONNECTION,TUR OIL DRAIN	NO	1
62	3392039	84149090	WASHER,PLAIN	NO	6
63	AK 4103 SS	84149090	HOSE,FLEXIBLE	NO	1
64	AK10036 SS	84149090	HOSE,FLEXIBLE	NO	1

65	AK10027 SS	84149090	HOSE,FLEXIBLE	NO	1
66	147389	84149090	SCREW,CROSSHEAD ADJUSTING	NO	6
67	203131	84149090	NUT,HEAVY HEXAGON	NO	6
68	215964	84149090	HOSE,PLAIN	NO	1
69	3078017	84149090	SEAL,OIL	NO	2
70	4922591	84149090	DISC,COUPLING	NO	1
71	3026806	84149090	CLAMP,HOSE	NO	2
72	2885806	84149090	LINER,CYLINDER	NO	6
73	214950	84149090	BEARING,CONNECTING ROD	NO	12
74	4089811	84149090	SET,PISTON RING	NO	6
75	3238204	84149090	Oil Filter	NO	1
76	3167218	84149090	INHIBITOR,CORROSION (10LTR CAN)	NO	1
77	AK 4032 SS	84149090	HOSE,FLEXIBLE	NO	1
78	500243	84149090	GAS ENGINE OIL (55 Ltrs.) / 500243	NO	2
79	4957708	84149090	ELEMENT,OUTER	NO	1
80	4957709	84149090	ELEMENT,INNER	NO	1
81	2893706	84149090	EXTENSION,IGNITION COIL	NO	6
82	2893864	84149090	COIL,IGNITION	NO	6

Optional Spares (if required during TOP Overhauling based on condition)

	Part No	HSN Code	Description	UOM	Qty/Engine
1	4955661	84149090	KIT PISTON ASSLY & RING S	NO	6
2	4979139	84149090	WATER PUMP & IDLER	NO	1
3	4345692	84149090	PUMP,LUBRICATING OIL OLD P/N:3609833	NO	1
4	2879594	84149090	CARBURETOR	NO	1
5	3503112	84149090	TURBOCHARGER	NO	1
6	RO3103972	84149090	RECON WATER PUMP	NO	1

Annexure -2

SPARES LIST FOR CUMMINS ENGINE GTA855C(BC) MAJOR OVERHAULING

Sr. No	Part No	HSN Code	Description	UOM	Qty/Engine
1	4072426	84149090	GASKET,ROCKER LEVER COVER	NO	3
2	5276094	84149090	GASKET,IGNITION COIL	NO	6
3	4090432	84149090	PLUG,SPARK (MAKE-CHAMPION)	NO	6
4	3394581	84149090	SEAL,O RING	NO	12
5	3253272	84149090	HOSE,FLEXIBLE	NO	1
6	5413187	84149090	BELT,V RIBBED (Old Part No. 217638)	NO	1
7	3414588	84149090	HOSE,FLEXIBLE	NO	1
8	135675	84149090	THERMOSTAT	NO	1
9	3071160	84149090	HOSE,PLAIN	NO	1
10	4056439	84149090	HOSE,ELBOW	NO	1
11	3030513	84149090	HOSE,ELBOW	NO	1
12	125741	84149090	CLAMP,T BOLT	NO	1
13	152026	84149090	CLAMP,T BOLT	NO	1
14	AK 4024 SS	84149090	HOSE,FLEXIBLE	NO	1
15	AK 4016 SS	84149090	HOSE,FLEXIBLE	NO	1
16	63241 F	84149090	HOSE,PLAIN	NO	1
17	186780	84149090	SEAL,THERMOSTAT	NO	1
18	149437	84149090	CLAMP,T BOLT	NO	1
19	125740	84149090	CLAMP,T BOLT	NO	1
20	63411	84149090	HOSE,PLAIN	NO	1
21	125739	84149090	CLAMP,T BOLT	NO	2
22	140332	84149090	CLAMP,T BOLT	NO	4
23	3008690	84149090	CLAMP,HOSE	NO	2
24	172205	84149090	SEAL,O RING	NO	2
25	43828 C	84149090	CLAMP,HOSE	NO	2
26	130740	84149090	GASKET,THERMOSTAT HOUSING	NO	2
27	RO4348735	84149090	HEAD,CYLINDER	NO	3
28	4024946	84149090	UPPER ENGINE GASKET SET	NO	1
29	3099083	84149090	GASKET,OIL PAN	NO	1
30	3076522	84149090	GASKET,WATER PUMP	NO	1
31	168306	84149090	SCREW,SLOTTED SET	NO	12
32	3030787	84149090	HOSE,HUMP	NO	1
33	206576	84149090	GASKET,TURBOCHARGER	NO	1
34	3229096	84149090	GASKET,EXH OUT CONNECTION	NO	1
35	4084347	84149090	GASKET,EXHAUST MANIFOLD	NO	6
36	3233004	84149090	GASKET,FLANGE	NO	2
37	3024960	84149090	GASKET,CONNECTION	NO	1
38	201048	84149090	GASKET,CONNECTION	NO	1
39	S 212	84149090	NUT,REGULAR HEXAGON	NO	12
40	201049	84149090	GASKET,CONNECTION	NO	1
41	65399	84149090	GASKET EXH MANF WATERIN	NO	1
42	216486	84149090	GASKET,AFT HOUSING	NO	2
43	3010030	84149090	GASKET,LUB OIL CLR COVER	NO	1
44	218245	84149090	GASKET LUB COOLER COVER	NO	1
45	3007713	84149090	SEAL,O RING	NO	2
46	3006745	84149090	RING,RETAINING	NO	2
47	3008017	84149090	GASKET,OIL COOLER SUPPORT	NO	1
48	101646	84149090	END,CONTROL ROD	NO	1
49	103000	84149090	END,CONTROL ROD	NO	1
50	3167186	84149090	HOSE,PLAIN	NO	1
51	215705	84149090	SEAL,O RING	NO	1
52	3020183	84149090	SEAL,OIL	NO	1
53	3076203	84149090	SEAL,DUST	NO	1
54	3020185	84149090	SEAL,OIL	NO	1
55	132770	84149090	BUSHING	NO	1
56	3081053	84149090	HOSE,PLAIN	NO	2
57	195952	84149090	SEAL,O RING	NO	4
58	102486	84149090	ISOLATOR,VIBRATION	NO	2
59	4949906	84149090	SEAL,GROMMET	NO	6
60	4071996	84149090	CONNECTION,TUR OIL DRAIN	NO	1
61	3392039	84149090	WASHER,PLAIN	NO	6
62	AK 4103 SS	84149090	HOSE,FLEXIBLE	NO	1
63	AK10036 SS	84149090	HOSE,FLEXIBLE	NO	1
64	AK10027 SS	84149090	HOSE,FLEXIBLE	NO	1

65	147389	84149090	SCREW,CROSSHEAD ADJUSTING	NO	6
66	203131	84149090	NUT,HEAVY HEXAGON	NO	6
67	215964	84149090	HOSE,PLAIN	NO	1
68	3078017	84149090	SEAL,OIL	NO	2
69	4922591	84149090	DISC,COUPLING	NO	1
70	2885806	84149090	LINER,CYLINDER	NO	6
71	214950	84149090	BEARING,CONNECTING ROD	NO	12
72	4955661	84149090	KIT PISTON ASSLY & RING S	NO	6
73	4345692	84149090	PUMP,LUBRICATING OIL OLD P/N:3609833	NO	1
74	6322722	84149090	WATER PUMP & IDLER Old Part No. 4979139	NO	1
75	RO5531322	84149090	RECON WATER PUMP Old Part No. RO3103972	NO	1
76	106339	84149090	SEAL,OIL	NO	1
77	187420	84149090	BUSHING	NO	6
78	2894740	84149090	SEAL,OIL	NO	1
79	107981	84149090	CAP,FILLER	NO	1
80	4949901	84149090	COVER,SPK PLG ADPTUBE	NO	6
81	3176570	84149090	SCREW,HEX FLANGE HEAD CAP	NO	12
82	157551	84149090	GASKET,OIL SUCCONNECTION	NO	2
83	4071822	84149090	GAUGE,TEMPERATURE	NO	1
84	4071825	84149090	GAUGE,PRESSURE	NO	1
85	S 923 E	84149090	DRAINCOCK	NO	1
86	216484	84149090	DIPSTICK, BLANK	NO	1
87	215233	84149090	BEARING,THRUST	NO	1
88	4020844	84149090	CONNECTOR,MALE	NO	1
89	3872284	84149090	CONNECTOR,PIPE	NO	2
90	173368	84149090	SEAL,RECTANGULAR RING	NO	1
91	100501	84149090	ELBOW,MALE ADAPTER	NO	3
92	3231996	84149090	BUSHING,REDUCING PIPE	NO	2
93	43764	84149090	CONNECTOR,MALE	NO	2
94	4104828	84149090	HOSE,PLAIN	NO	2
95	214617	84149090	CLAMP,TUBE	NO	1
96	3082622	84149090	HOSE,FLEXIBLE	NO	1
97	3036866	84149090	UNION,MALE	NO	1
98	3087690	84149090	DRAINCOCK	NO	1
99	3873542	84149090	BREATHER,CRANKCASE	NO	1
100	S 962 E	84149090	DRAINCOCK	NO	2
101	142689	84149090	GEAR,ACCESSORY DRIVE	NO	1
102	S 16073	84149090	BEARING,BALL	NO	1
103	S 670	84149090	WASHER,PLAIN	NO	1
104	70897	84149090	NUT,LOCK	NO	1
105	3013331	84149090	PIN	NO	12
106	3036933	84149090	ROLLER	NO	12
107	3234408	84149090	PLUG	NO	6
108	69736	84149090	SCREW	NO	6
109	213559	84149090	SOCKET	NO	12
110	2894739	84149090	SLEEVE,WEAR	NO	1
111	216487	84149090	GASKET,CONNECTION	NO	1
112	3007442	84149090	SEAL,O RING	NO	6
113	4346552	84149090	SEAL,OIL	NO	1
114	114515	84149090	SEAL,OIL	NO	1
115	109341	84149090	SEAL,OIL	NO	1
116	162128	84149090	SEAL,OIL	NO	1
117	9539 A	84149090	HOSE,PLAIN	NO	1
118	43828 B	84149090	HOSE,PLAIN	NO	1
119	63241 F	84149090	HOSE,PLAIN	NO	1
120	4104830	84149090	HOSE,PLAIN	NO	1
121	3027706	84149090	HOSE,PLAIN	NO	2
122	2870386	84149090	HOSE,FLEXIBLE	NO	1
123	5531280	84149090	HOSE,FLEXIBLE	NO	1
124	140313	84149090	CLAMP,T BOLT	NO	1
125	3040878	84149090	CLAMP,T BOLT	NO	1
126	3801106	84149090	Cam Bushing Kit	NO	1
127	3238204	84149090	Oil Filter	NO	1
128	3801468	84149090	KIT,LOWER ENGINE GASKET	NO	1
129	3167218	84149090	INHIBITOR,CORROSION (10LTR CAN)	NO	1
130	3020186	84149090	SEAL,OIL	NO	1
131	AK 4032 SS	84149090	HOSE,FLEXIBLE	NO	1
132	500243	84149090	GAS ENGINE OIL (55 Ltrs.) / 500243	NO	2
133	4957708	84149090	ELEMENT,OUTER	NO	1
134	4957709	84149090	ELEMENT,INNER	NO	1

135	2893706	84149090	EXTENSION,IGNITION COIL	NO	6
136	2893864	84149090	COIL,IGNITION	NO	6
137	3235031	84149090	FILTER,COMPRESSED AIR	NO	1
138	3503112	84149090	TURBOCHARGER	NO	1
139	2879594	84149090	CARBURETOR	NO	1
Optional Spares (If required during Major Overhauling based on condition)					
Sr. No	Part No	HSN Code	Description	UOM	Qty
1		84149090	Cylinder Block Check	NO	
2	3881129	84149090	Crankshaft Check / Grind / Replace	NO	1
3	4958463	84149090	CAMSHAFT	NO	1
4	3013930	84149090	Connecting Rods - Check / Repair / Replace	NO	6
5	3801260	84149090	SET MAIN BEARING	NO	1

Annexure -3
SPARES LIST FOR KGC-32 CNG GAS COMPRESSOR OVERHAULING

Sr No.	Part No	HSN Code	Description	UOM	Qty/Compressor
1	757.32.10.520.	84149090	OIL FILTER - SE-10	NO	1
2		84149090	COMPRESSOR CRANK CASE OIL SAE40	NO	25
3	757.32.43.115.	84149090	RING SET PISTON	NO	4
4	757.32.33.110.	84149090	RING SET PISTON	NO	4
5	757.32.17.110.	84149090	RING SET PISTON	NO	5
6	757.32.10.802.	84149090	FILTER AIR	NO	1
7	757.32.43.121.	84149090	GASKET VALVE	NO	4
8	757.32.40.123.	84149090	SEAL O-RING	NO	4
9	757.32.33.121.	84149090	GASKET VALVE	NO	2
10	757.32.30.115.	84149090	SEAL O-RING	NO	2
11	757.32.17.115.	84149090	GASKET METAL CLAD	NO	1
12	757.32.17.116.	84149090	GASKET METAL CLAD	NO	1
13	757.32.43.106.	84149090	GASKET HEAD	NO	1
14	757.32.30.105.	84149090	SEAL O-RING	NO	2
15	G8888.40.SP.774.	84149090	VALVE - SUCTION	NO	2
16	G8888.40.SP.775.	84149090	VALVE - DISCHARGE	NO	2
17	G8888.40.SP.778.	84149090	VALVE - SUCTION	NO	1
18	G8888.40.SP.139.	84149090	VALVE - DISCHARGE	NO	1
19	G8888.40.SP.134.	84149090	VALVE - CONCENTRIC	NO	1
20	G8888.40.SP.351.	84149090	PUMP - 1/4" PISTON (BSF)	NO	1
21	757.32.10.806.	84149090	PUMP - PRE LUBE	NO	1
22	757.32.10.108.	84149090	SHELL BEARING	NO	1
23	757.32.10.107.	84149090	SHELL BEARING	NO	5
24	757.32.10.313.	84149090	CON ROD BUSH, WIDE	NO	1
25	757.32.10.303.	84149090	CON ROD BUSH, NARROW	NO	2
26	G8888.40.SP.369.	84149090	INJECTION POINT CHECK VALVE SINGLE BALL	NO	2
27	757.32.40.134.	84149090	VALVE CHECK	NO	3
28	757.32.10.711.	84149090	WRIST PIN LONG / GRF001200098	NO	1
29	757.32.10.713.	84149090	WRIST PIN SHORT / GRF001200099E111	NO	1
30	757.32.40.108.	84149090	PACKING COMPR ROD	NO	2
31	757.32.40.112.	84149090	PISTON ROD 3" STROKE	NO	2
32	757.32.40.113.	84149090	NUT PISTON	NO	1
33	757.32.40.114.	84149090	NUT PISTON ROD	NO	1
34	757.32.10.701.	84149090	CROSSHEAD - LIGHT	NO	2