

HANDLING INNOVATION INC.

Authorized Distributor of TOYOTA, BT, RAYMOND Forklifts in the Philippines



8170

Luzon: (02) 88211414, 88222321, (0918) 5504455, (0922) 8446669, Visayas: (032) 2364758, (0922) 8830455, Mindanao: (082) 2222250, 2221633, (0922) 8810455

BATTERY CHECKLIST

| | | | | |
|---------------|----------------------|-----------------------|-------------|-------------|
| CUSTOMER NAME | CUSTOMER ADDRESS | CONTACT PERSON | DESIGNATION | CONTACT NO. |
| Charter Chem | Carmona | | | |
| Date: 8-27-22 | Time Started: 15:31H | Time Finished: 17:03H | | |

| | | | | | | | | | |
|------------------------|-------------------|--------------|--------------|------------------------|------------------------|---------------------|--|--|--|
| 1. Battery Information | | | | | 2. Vehicle Information | | | | |
| Battery Brand | GS Yuasa | | | | Battery Charge | Forklift Brand | | | |
| Battery Model | G857-GH70-7B Full | | | | 50% Discharge | Model / Serial | | | |
| Mfg. No. | 91903-1-19AUG | | | | Discharge | 8FBN20-33108 | | | |
| Battery No. | | | | | Specs SG / Voltage | Fleet no. (Rental) | | | |
| Voltage | 48 | AH: 470 | 1.280 / 2.0< | 1.250< / 2.0< | 1.150< / 2.0< | FL operation (hrs.) | | | |
| Battery Life | 1500 | Battery Age: | | Customer Power Supply: | | 8 | | | |
| | | | | | | 1970.7 | | | |

| | | | | | | | | | | | | | | | | | | | | |
|-------------|--------------|------|------|------|------|----------------------------|------|------|------|------|-------------|------|------|------|--|-------------------------------|--|--|--|--|
| Legend: | Water Level: | | | | | High (H), Low (L), Dry (D) | | | | | Acid Level: | | | | | Normal (N), High (H), Low (L) | | | | |
| Cell No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | | | | | |
| Water Level | N | N | N | N | N | N | N | N | N | N | N | N | N | N | | | | | | |
| Acid Level | | | | | | | | | | | | | | | | | | | | |
| Add Temp. | 38 | 38 | 39 | 39 | 38 | 39 | 39 | 39 | 39 | 38 | 39 | 38 | 38 | 38 | | | | | | |
| S.G. | 1.26 | 1.26 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.26 | 1.26 | 1.26 | 1.25 | 1.25 | 1.25 | | | | | | |
| Voltage | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | | | | | |
| Cell No. | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | | | | | | |
| Water Level | N | N | N | N | N | N | N | N | N | N | | | | | | | | | | |
| Acid Level | | | | | | | | | | | | | | | | | | | | |
| Add Temp. | 38 | 38 | 39 | 39 | 39 | 38 | 39 | 38 | 39 | 38 | | | | | | | | | | |
| S.G. | 1.25 | 1.25 | 1.25 | 1.26 | 1.26 | 1.26 | 1.26 | 1.26 | 1.26 | 1.25 | | | | | | | | | | |
| Voltage | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | | | | | | | | | |
| Cell No. | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | | | | | | | |
| Water Level | | | | | | | | | | | | | | | | | | | | |
| Acid Level | | | | | | | | | | | | | | | | | | | | |
| Add Temp. | | | | | | | | | | | | | | | | | | | | |
| S.G. | | | | | | | | | | | | | | | | | | | | |
| Voltage | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | |
|--------------------------|--------|----------|---------|--------------------|--------|----------|---------|
| 4. General battery check | | | | | | | |
| Item | Normal | Abnormal | Remarks | Item | Normal | Abnormal | Remarks |
| 1. Tray | / | | | 7. Cable + Plug | / | | |
| 2. Container | / | | | 8. Voltage | / | | |
| 3. Vent Plug | / | | | 9. Sp. Gr. | / | | |
| 4. Connector | / | | | 10. Temperature | | | |
| 5. Connector Cover | / | | | 11. Acid Condition | | | |
| 6. Terminal | / | | | | | | |

| | | | | | | | |
|-----------------------|----------|------|---------------------|----------------------|--------------------|-----------------------|---------|
| CHARGER CHECKLIST | | | | | | | |
| Charger Model / Brand | GS Yuasa | | Serial No. | CVOE11A | | Customer Power Supply | 220 |
| Input Voltage (AC) | 220 | | Output Voltage (DC) | 48 | | Capacity (Ampere) | 100 |
| Components | G | NG | Remarks | Components | G | NG | Remarks |
| 1. Input Power cable | / | | | 4. Contactor | / | | |
| 2. Body | / | | | 5. Wiring Connection | / | | |
| 3. Controller | / | | | 6. Transformer | / | | |
| 1. Positive Diodes | Good | Leak | Shorted | Remarks | 2. Negative Diodes | Good | Leak |
| L1 Diodes | / | | | | L1 Diodes | / | |
| L2 Diodes | / | | | | L2 Diodes | / | |
| L3 Diodes | / | | | | L3 Diodes | / | |

Recommendation

I HEREBY CERTIFY THAT THE ABOVE SERVICES HAVE BEEN CARRIED OUT TO MY ENTIRE SATISFACTION AND PARTS USED ARE CORRECT AND IN GOOD CONDITION

| | | |
|--------------------------|-------------------------------------|----------------------|
| CUSTOMER PRINTED NAME | CUSTOMER SIGNATURE (w/ date & time) | CUSTOMER REMARKS |
| T. LAYUAN | 8/27/22 | |
| SERVICE TECHNICIAN 1 & 2 | SERVICE SUPERVISOR & HEAD | TECHNICAL (WARRANTY) |
| ATA / JBB | 8-28-22 | |

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BATTERY CHECKLIST

| | | | | |
|---------------|------------------------|------------------------|-------------|-------------|
| CUSTOMER NAME | CUSTOMER ADDRESS | CONTACT PERSON | DESIGNATION | CONTACT NO. |
| Charter Chem | Larmona | | | |
| Date: 8-27-22 | Time Started: 10:51 AM | Time Finished: 1:03 PM | | |

| | | | | | | | | | |
|------------------------|----------------|--------------|--------------|---------------|------------------------|------------------------|---------------------|--------|--|
| 1. Battery Information | | | | | 2. Vehicle Information | | | | |
| Battery Brand | GS YUASA | | | | Battery Charge | | Forklift Brand | TOYOTA | |
| Battery Model | 5851-GM7U-7B | | Full | 50% Discharge | Discharge | Model / Serial | 5FBN7U-7710 | | |
| Mfg. No. | 91903-1-111111 | | | | 707 | Fleet no. (Rental) | A5 | | |
| Battery No. | | | | | | Specs SG / Voltage | FL operation (hrs.) | 8 | |
| Voltage | 48 | AH: 470 | 1.280 / 2.0< | 1.250< / 2.0< | 1.150< / 2.0< | Hour Meter | 1170.7 | | |
| Battery Life | 1500 | Battery Age: | | | | Customer Power Supply: | 770 | | |

| | | | | | | | | | | | | | | |
|-------------|--------------|----------------------------|------|------|------|------|-------------|-------------------------------|------|------|------|------|------|------|
| Legend: | Water Level: | High (H), Low (L), Dry (D) | | | | | Acid Level: | Normal (N), High (H), Low (L) | | | | | | |
| Cell No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| Water Level | N | N | N | N | N | N | N | N | N | N | N | N | N | N |
| Acid Level | | | | | | | | | | | | | | |
| Add Temp. | 38 | 38 | 39 | 39 | 38 | 39 | 39 | 39 | 39 | 38 | 39 | 38 | 38 | 38 |
| S.G. | 1.27 | 1.26 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.25 | 1.26 | 1.26 | 1.26 | 1.25 | 1.25 | 1.25 |
| Voltage | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 |
| Cell No. | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| Water Level | N | N | N | N | N | N | N | N | N | N | | | | |
| Acid Level | | | | | | | | | | | | | | |
| Add Temp. | 38 | 38 | 39 | 39 | 39 | 38 | 39 | 38 | 39 | 38 | | | | |
| S.G. | 1.25 | 1.25 | 1.25 | 1.26 | 1.26 | 1.26 | 1.26 | 1.26 | 1.26 | 1.25 | | | | |
| Voltage | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | 2.1 | | | | |
| Cell No. | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | |
| Water Level | | | | | | | | | | | | | | |
| Acid Level | | | | | | | | | | | | | | |
| Add Temp. | | | | | | | | | | | | | | |
| S.G. | | | | | | | | | | | | | | |
| Voltage | | | | | | | | | | | | | | |

| | | | | | | | |
|--------------------------|--------|----------|---------|--------------------|--------|----------|---------|
| 4. General battery check | | | | | | | |
| Item | Normal | Abnormal | Remarks | Item | Normal | Abnormal | Remarks |
| 1. Tray | ✓ | | | 7. Cable + Plug | ✓ | | |
| 2. Container | ✓ | | | 8. Voltage | ✓ | | |
| 3. Vent Plug | ✓ | | | 9. Sp. Gr. | ✓ | | |
| 4. Connector | ✓ | | | 10. Temperature | ✓ | | |
| 5. Connector Cover | ✓ | | | 11. Acid Condition | | | |
| 6. Terminal | ✓ | | | | | | |

| | | | | | | | | | |
|-----------------------|----------|---------------------|------------|----------------------|--------------------|-----------------------|---------|---------|---------|
| CHARGER CHECKLIST | | | | | | | | | |
| Charger Model / Brand | GS YUASA | | Serial No. | C10E11A | | Customer Power Supply | 770 | | |
| Input Voltage (AC) | 220 | Output Voltage (DC) | 48 | Capacity (Ampere) | 100 | | | | |
| Components | G | NG | Remarks | Components | G | NG | Remarks | | |
| 1. Input Power cable | ✓ | | | 4. Contactor | ✓ | | | | |
| 2. Body | ✓ | | | 5. Wiring Connection | ✓ | | | | |
| 3. Controller | ✓ | | | 6. Transformer | ✓ | | | | |
| 1. Positive Diodes | Good | Leak | Shorted | Remarks | 2. Negative Diodes | Good | Leak | Shorted | Remarks |
| L1 Diodes | ✓ | | | | L1 Diodes | ✓ | | | |
| L2 Diodes | ✓ | | | | L2 Diodes | ✓ | | | |
| L3 Diodes | ✓ | | | | L3 Diodes | ✓ | | | |

Recommendation

I HEREBY CERTIFY THAT THE ABOVE SERVICES HAVE BEEN CARRIED OUT TO MY ENTIRE SATISFACTION AND PARTS USED ARE CORRECT AND IN GOOD CONDITION

| | | |
|--------------------------|-------------------------------------|----------------------|
| CUSTOMER PRINTED NAME | CUSTOMER SIGNATURE (w/ date & time) | CUSTOMER REMARKS |
| | | |
| SERVICE TECHNICIAN 1 & 2 | SERVICE SUPERVISOR & HEAD | TECHNICAL (WARRANTY) |
| AVJA / VBB | 8-28-22 | |