

The diagram illustrates the electrical system for a tractor-baler. It is divided into three main sections: TRACTOR, CONTROL BOX, and BALER.

- TRACTOR:** Contains a **CIRCUIT BREAKER** connected to a power source with terminals **1** (+) and **0** (-).
- CONTROL BOX:** Features a **SWITCH** and two relays labeled **57L** and **57C**. The switch is connected to terminal **19** from the circuit breaker. Relay **57L** has terminals **57L** and **57C**. Relay **57C** has terminals **57C** and **57L**.
- BALER:** Includes a **TRACTOR END (FEMALE)** connector with terminals **57T** and **57L**, and a **BALER END (MALE)** connector with terminals **57T** and **57C**. These connect to a **CONNECTOR** block. The baler section also contains a **SWITCH** and a **RELAY** (57) with terminals **57** and **57C**. A **UPPER LIMIT SWITCH - COMPLETES CIRCUIT WHILE MOVING TWINE ARM TO RIGHT (CIRCUIT BROKEN AT END OF STROKE)** is shown. The baler is powered by a battery with terminals **57** and **0**.

Wiring connections are as follows:

- Tractor terminal **1** (+) connects to the circuit breaker, then to terminal **19** in the control box.
- Tractor terminal **0** (-) connects to the bottom of the switch and relay **57L** in the control box.
- Control box terminal **57L** connects to the tractor end female terminal **57L**.
- Control box terminal **57C** connects to the tractor end female terminal **57C**.
- Tractor end female terminals **57T** and **57L** connect to the baler end male terminals **57T** and **57C**.
- Baler end male terminals **57T** and **57C** connect to the baler connector block.
- The baler connector block connects to the baler switch and relay **57**.
- The baler switch and relay **57** connects to the baler battery terminals **57** and **0**.
- The upper limit switch is connected to the baler battery terminal **57**.

