



Technical Bulletin (TB-0013)

TRAXON ELECTRONIC OIL CONTROL

May 2010

PURPOSE & SCOPE

This document serves as a summary of the TraxOn's oil control that has been distributed by Bitzer US since 2004 and has undergone recent iterations.

BACKGROUND

Traxoil is an oil level control system built by TraxOn. Bitzer North America uses two versions, both of which bolt to the sightglass of the compressor. One mounts using a 3 & 4 bolt pattern for C4 and B series compressors. The other has 1-1/8"-18 threads that mounts to our C1-C3 compressors. All controls are 24VAC and have a single pull double throw relay. All control have three levels: (1) Green – OK (2) Yellow – Fill (3) Red - Alarm and fill

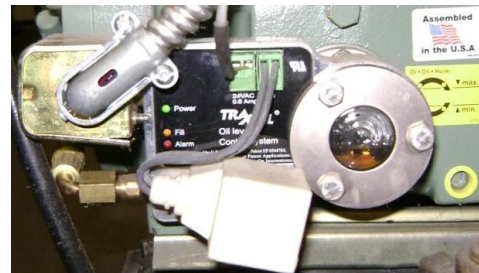
INFORMATION BY VERSION:

TOUS01 / TOUS03

Years active with Bitzer US:
2004-2008

Bitzer US Part Numbers:

TOUS03 (C1-C3 compressors): 794-0655-69
TOUS01 (C4 and B series compressors): 794-0653-67



Oil Level Description:

This version maintained a sightglass that was 33% full.

Notes:

This version was superseded to the TR3 version (see TR3 notes for comparative differences).

TR3201 / TR3203 (ORIGINAL)

Years active:
2009

Bitzer US Part Numbers:

C1-C3 compressors: TR3203
C4 and B series compressors: TR3201

Oil Level Description:

This version maintained a sightglass that was 75% full.



Notes:

Aside from the target oil level, there were a couple other changes.

- 1) A restrictor orifice was removed due to complications of clogging.
- 2) The old version alarmed after 2 minutes of filling (at yellow level). This version will only alarm on level (red) no matter how long it is filling at the yellow level.
- 3) The wiring was improved to be more integrated (able to quickly disconnect).
- 4) The IP enclosure rating was improved.
- 5) This product was recalled and replaced with the TR3201S6 due to difficulties of the 75% level.

TR3201S6 / TR3203S6 (NEW)**Years active:**

2010 -

Part Numbers:

C1-C3 compressors: TR3203S6

C4 and B series compressors: TR3201S6

Oil Level Description:

This version maintains a sightglass that is 50% full.

**Notes:**

This version is the same as the TR3 version except recalibrated to control oil at a level of 50%. There is no visible difference from older TR3 version.

This product is still being evaluated but currently is available for sale.

REVISION HISTORY :

Released 5/18/10