

# OIL LEVEL SYSTEM - TRAXON

## TraxOil

TraxOil TR3 is an electronic Oil Management system that replaces the oil level sight glass at the compressor crankcase. A mechanical level detector (float) recognises the oil level in the crankcase and transmits this information to the control logic. An integrated solenoid valve switches oil flow. If there is not enough oil flow the system will initiate an alarm.

The TR3 allows visual oil level inspection through the sight glass. The ideal oil level for most compressors is in the centre line of the sight glass. Three indicator LEDs are showing the actual status of the Oil Management system. When the green LED is on, the oil level is optimised. The yellow LED indicates that the solenoid valve is switched on for oil refill. The red LED signals an oil level below the minimum level and activates the alarm relay. Various models are available to suit most compressors.

### Major features of the new model:

- Digital processor
- Hermetic leakproof and dustproof housing
- CE approved, EMC emissions
- Waterproof cables, no wiring at TraxOil
- No orifice restrictor
- New coil & tube with internal solenoid seat
- Easy mounting under low space conditions



SPECIFICATIONS	
Voltage:	24VAC 50/60Hz $\pm$ 10%
Amps:	0.7
Weight:	800 – 950grams depending on adaptor fitted
Maximum working pressure:	31 bar
Leakage test pressure	35 bar
Solenoid MOPD:	21 bar
Alarm switch:	SPDT
Alarm contact rating:	3A / 240 VAC
Medium temperature:	-20° to +80° C
Medium compatibility	HFC, HCFC (not suitable for flammable refrigerants or ammonia)
Ambient temp (Housing):	-20° to +50° C
Time delay filling: (Yellow)	10 sec
Time delay alarm: (Red)	20 sec
Protection class: (DIN43650)	IP65
Oil supply fitting:	7/16" –20 UNF male
Sensing method:	Patented miniature "Float and Hall Sensor"