



MVS
ENGINEERING PVT. LTD.

Service Bulletin

S1012

Oil topping up procedure for air compressor

PROBLEM

SOLUTION

- Compressor is tripping due to high temperature
- Oil level in the air compressor has been found to be low during preventive maintenance checks

Top up oil of air compressor as per manufacturer's prescribed level



REQUIRED TOOLS

Air Compressor Panel Key, Adjustable spanner, Sufficient quantity of air compressor oil (as per manufacturer's recommended oil)



- Turn off the compressor



ADVISORY

Switch off compressor from main supply and wait half an hour to allow oil to settle down.

- At air compressor discharge, release pressure to zero bar (g).

Open back door of compressor

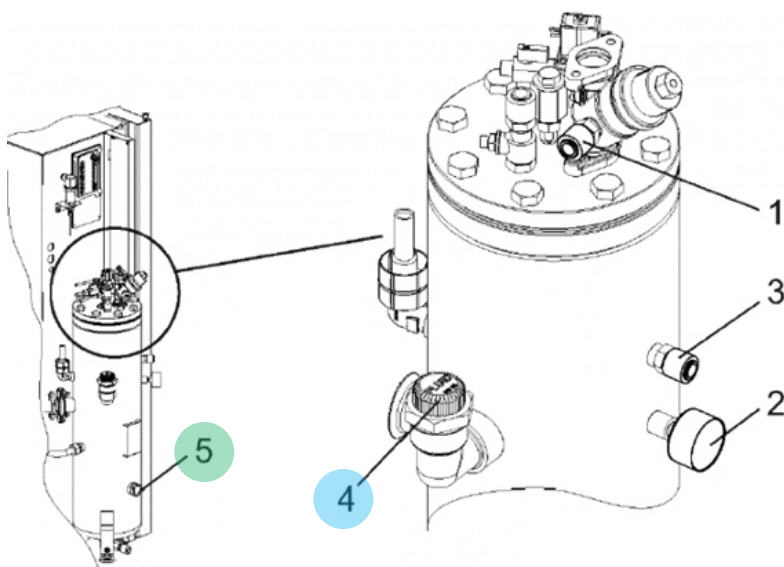


Check oil level through sight glass

(refer to user manual of compressor to find the correct location where oil level can be observed)



Example : In this case (and in video from MVS) the sight glass is on the air receiver, marked by '5' in the diagram below



ADVISORY

Refer to the user manual instructions of the air compressor to ensure that oil top up location is correctly identified.

Example : In the diagram above, the oil top up location is marked by '4'

Open the fill port



Refill oil up to the middle of the sight glass
or as recommended by the
air compressor manufacturer



Close the fill port tightly.



- Put back side cover of air compressor



PLEASE WATCH THE VIDEO, LINK BELOW

<https://www.youtube.com/watch?v=C0q4J5Y8uBc>