

TECHNICAL DATA



Mobile Processing Unit 7

The Oil Processing Unit is designed for:

- Degassing/drying/filtration of transformer oil
- Dehydration of transformers up to an oil content of ca. 25,000Kg.
- Evacuation and active component dehydration under high-vacuum ($\leq 1\text{mbar}$).
- Processing of transformer-oil and direct filling into transformers.

Total capacity of the unit (netto):

0.820m³

Nominal flow rate:

2...6 m³/h (2x 1.5kW / 2.2A)

Maximum pumping capacity:

12m³/h, feed pressure 2bar

Operating pressure at last pass:

0.2mbar

Connected load total:

400V, 3-phase, 105kW

Heating power total:

90KW

At 5 levels:

Levels I to IV

4x 11.25kW (4x 16.5A)

Level V

1x 45kW (65.2A)

Nominal suction cap. of vacuum pumps:

2x 160m³/h (4KW/5,8A)

Filters mesh:

coarse filter 250µm / 5µm

Connection Cable:

2x 15m, 2x CEE 63A / 5 pole

Hose length:

2x 30m x 1" with TT coupling 2"

Facility tank:

2x 4000 litre und 1x 600 litre

Guarantee data for new oil after 100% throughput

Remnant water content*: After one pass: <4ppm
After three passes: <1.5ppm

Remnant air content*: After one pass: <0.05 Vol. %
After three passes: <0.02 Vol. %

*Based on the initial value of 50ppm water content and 10 to 12 Vol. % gas content at 20°C.

Sound power level: <75 dB(A)
acc. to ISO 9614

Dimension

Length: 9,20 m
Width: 2,55 m
Height: 3,75 m

Weight: 26 t

The technical base of the oil processing equipment of Mobile Unit 7 is MICA FIL VOP 060-S online.

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For further Information: www.electricaloilservices.com