

4000 Litre/hour “ Micafil - Switzerland ”



OPERATING INSTRUCTION

Oil Treatment Plant

Type V H 040

Customer : R Engineering Support Co., THAILAND

Order no. : A - 9408 - 0403

Year of construction : 1994

Instruction no. : HLA 386074

In case of queries and of order for replacement parts the order no. and the instruction no. must always be quoted

2. Guarantee data for new oil :

4000 l / h of initial value 50 ppm water content and 10...12 Vol. % air content, measured at the outlet of the plant after treatment:

after 1 pass

- residual water content
- residual air content

smaller
smaller

10 ppm
0,5 Vol.%

after 3 passes

- residual water content
- residual air content

smaller
smaller

5 ppm
0.2 Vol.%

The guarantee values as stated, as well as the stated amounts of oil, are only valid when treating naphthenic based insulating oils with normal foaming conditions.

1. TECHNICAL SPECIFICATION

1. Technical Data

Plant type	VH 040
Oil throughput	4000 litres / hr
Operating pressure at final oil passage	< 1 mbar
Vacuum pump inlet flow capacity [nominal]	66,8 m ³ / hr
Total Power input	65 kW
Heater output	60 kW
Vacuum pump motor output	2,2 kW
Feed pump motor output	2,2 kW
Pipe connection:	
- Oil inlet	DN 50
- Oil delivery	DN 50
- Exhaust	DN 40
Total volume of plant	~ 420 dm ³