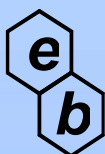


DEHYDRO

Drying of cooling oils



Dr. Bilger Umweltconsulting GmbH

DEHYDRO

DEHYDRO is a single-staged compact drying system for the complete dehumidifying especially of cooling oils. In the process the humid cooling oil passes a grist of SOLVONA-W pellets and is completely dried. The humidity contained in the oil is adsorbed on the surface of the pellets. The capacity of SOLVONA-W amounts approx. 10% of water.

Processing

Advantages of the using of DEHYDRO:

- The system works at temperatures of 0-60°C
- All known cooling oils are completely dried
- Small costs of investment

Technical Description

DEHYDRO consists of the following assemblies:

- Footing with conveyor roller and connection for a flexible metallic tube (oil inlet)
- Cartridge filled with SOLVONA-W
- Heading with connection for oil outlet
- 2 flexible metallic tubes DN 50 with flanges

The middle part of the system contains a grist of approx. 30 kg of SOLVONA-W. If the drying agent is totally consumed, the complete cartridge will be exchanged on site by Dr. Bilger Umweltconsulting

The oil to be dried is passing the DEHYDRO-system in by-pass function and is therefore permanently dehumidified.

Technical Datas

Floor space:	800 x 800 mm ²
Dimensions:	700x700x1300 mm
Connecting data:	2x flexible metal tubes DN50, tube length = 2000mm Welding neck flange PN 16 stainless steel type GB 22E Konic sealing screwing external threaded G2"A
Weight:	70 kg



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