

UNI - VAC

OIL DEHYDRATION UNIT



**CEE DEE
VACUUM EQUIPMENT PVT. LTD.**

AN ISO 9001:2015 & 14001:2015 CERTIFIED COMPANY

UNI - VAC OIL DEHYDRATION UNIT

The most effective method of Removing From Oil

FEATURES

- ▶▶ Removes water in single pass.
- ▶▶ Does not remove additives from oil.
- ▶▶ Flow pattern does not agitate the oil.
- ▶▶ Modular design.
- ▶▶ Weather-proof enclosures.
- ▶▶ Designed for unattended operations.

OIL DEHYDRATION SYSTEM (LOW VACUUM DEHYDRATION)

MODEL	CAPACITY	CONDENSOR	VACUUM PUMP	ELECTRICAL
LVDH - 900	10-15LPM	CHILLED	100LPM	12KW
LVDH - 1200	20LPM	CHILLED	180LPM	18KW
LVDH - 2100	35LPM	CHILLED	300LPM	24KW
LVDH - 3000	50LPM	CHILLED	300LPM X 2NOS	36KW
LVDH - 4500	75LPM	CHILLED	1000LPM	48KW
LVDH - 6000	100LPM	CHILLED	600LPM X 2NOS	72KW

APPLICATIONS AREAS: Transformer oil/ Ester Oil/Mineral Oil/
Synthetic Oil/Gear Oil/Turbine oil/Silicon Oil/
Lubricating oil

Vacuum dehydration is the only comprehensive method for complete removal of water from the oil. Through low temperature distillation in combination with fine filtrations (CDOC), Oil can be returned to 'New' conditions.

@ copyright : Cee Dee Vacuum Equipment Pvt. Ltd.

For water contents
use "UNI-VAC" prior to cdoc

Uni - Vac System is designed for fully automatic or manual unattended operation.

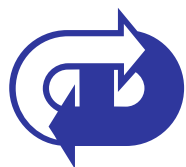
The Uni - Vac principally functions to remove water and light hydrocarbon from oil. The system is operated under vacuum condition and the oil is forced by atmospheric pressure through heating chamber to raise the oil temperature to a desired level. The oil is then drawn in to a vacuum chamber where it is exposed in the form of thin layer to the vacuum at a very slow flow rate. The oil exposed to vacuum, where water (free, dissolved and emulsified), dissolved gasses, air and other low range volatile are boiled by a heat/ vacuum process.

With this process, the oil is purified and conditioned to a safe operational standard.

No additives or detergent are removed.

APPLICATIONS

- ▶▶ Plastic machinery
- ▶▶ Construction machinery
- ▶▶ Hydraulic Press
- ▶▶ Aviation
- ▶▶ Turbine oil in hydro power station
- ▶▶ Instrumentation & Refrigeration
- ▶▶ Earth moving equipment
- ▶▶ Aluminum / non ferrous Extrusion plants
- ▶▶ Plywood hot press
- ▶▶ Servo valve - controlled hydraulic system
- ▶▶ Leather Processing
- ▶▶ Mining machinery
- ▶▶ Transmission equipments
- ▶▶ Machine tools
- ▶▶ Automobile Industry etc.
- ▶▶ Power Press
- ▶▶ Steel industries
- ▶▶ Sugar Mill



CEE DEE VACUUM EQUIPMENT PVT. LTD.

AN ISO 9001:2015 & 14001:2015 CERTIFIED COMPANY

Registered Office : Plot No. 81-B/16 , General Block , M.I.D.C., Bhosari , Pune - 411026 India.

Contact No. : +91-20-27126253 / 7199 / 9299 / 8308826050

Email : co-ordinator@ceedeevacuum.net

Manufacturing Facility : A-53 & A-54 , Phase 2 , Wasuli , M.I.D.C. , Chakan , Pune - 410501 India.

Tel. : +91-2135-613900

