VACUUM DE-HYDRATION SYSTEM

Water/Air Removal

- With the vacuum pump, water moisture and dissolved air are effectively removed from the oil.
- An aqua sensor positioned on the outlet line accurately and simultaniously measures the water content in the oil.

Air Management

- A silica gel air filter is used to ensure that clean and dry air enters the tank, preventing moisture ingress during operation.

Monitoring & Measurement

- System equipped with transmitters for continuous monitoring of temperature, oil level, vacuum pump pressure, tank pressure, and internal tank pressure.
- An optional contamination sensor integration is available for monitoring oil condition.

Smart Touchscreen Display

- User-friendly interface for easy monitoring and control of system parameters.

Filtration System

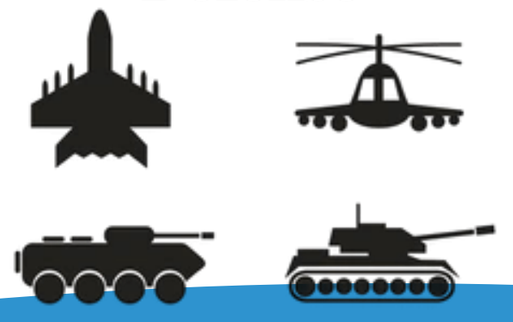
- The presence of filters at both the inlet and outlet lines significantly reduce the contamination of the oil.
- System can operate with offline filtration designed for 24/7 cleaning and filtering.

Variable Control

- Variable speed control is provided for all pumps, including the vacuum pump and hydraulic pumps, enabling optimized operation and improved energy efficiency.
- Adjustable vacuum pressure, oil temperature, and oil level for improved performance.

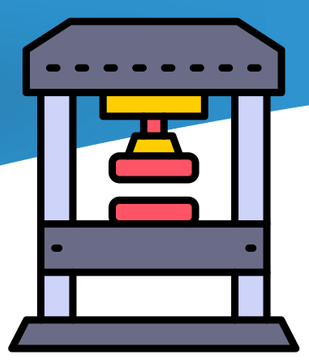
Aerospace

Defense



Turbine and Lubrication Systems

Iron & Steel



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