



Bhagyashri Accessories Pvt.Ltd.

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ISO 9001: 2015 CERTIFIED



Quenching Oil Filtration System

Quenching is a rapid way of bringing metal back to room temperature after heat treatment to prevent the cooling process from dramatically changing the metal's microstructure. Metalworkers do this by placing the hot metal into a liquid or sometimes forced air.

What happens to your quench oil over time?

- Inherent properties of heat resistance, hardening ability, and finishing quality begin to degrade.
- A gradual build-up of particulate contamination causes this degradation in quench quality. Also, particulate contamination will promote cracking or distortion of steel parts.
- Oxidation increases the viscosity and decrease the finishing quality of the quench oil.
- Thermal cracking results in the formation of new materials that lower the flash point of the oil and increases the viscosity of the oil.

Advantages of filtering quenching oil

- BAPL Centrifuge Filtration removes the particulate from the quench oil, and thus extends the life of the fluid by 1.5 times.
- Removes both fine and gross contamination, which will reduce part-cracking and distortions, promote uniform hardening, and improve finish quality.
- For reduction in client capital investment we have created innovative trolley mounted offline filtration centrifuge unit.

Bhagyashri Accessories Pvt. Ltd. Incorporated in 1994 is leading manufacturer of centrifugal oil cleaners and oil filtration systems. Being an OEM supplier in India and having a global supply experience; we offer various models for oil filtration as follows;

Let us help you to do:

- Removal of particulates that can degrade the oil.
- Maintains viscosity of fluid longer by reducing sludge build-up.
- Maintains thermal efficiency of system longer and reduces energy cost.
- Extends oil life.
- A reduced maintenance cost by protecting pumps and valves from contaminates.

Some of our customer includes:

TIDC | Cummi | Ambattur Heat Traders | Div Heat Treatment | Heat Tec | Sansera Engineering | Innovative Trade Links | Om Logistics.