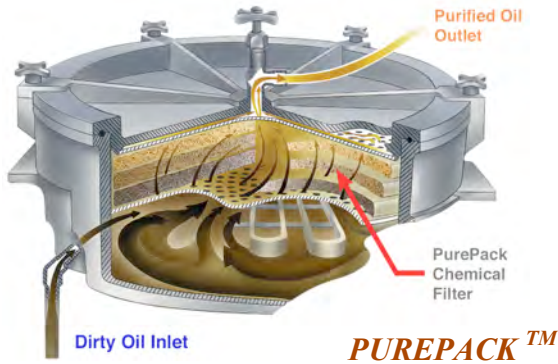


Don't Change Your Oil !



MB-50 Oil Purifier Features

- 30 to 50 GPH oil flow capacity by dual gear pump with over 90% filtration efficiency
- Good oil dialysis for oil reservoir from 500 to 1,000 gallons.
- Full automatic operation *Programmable Digital Controller* with FLASH memory storage with 1.5" LCD digital display for operational interface.
- MB-50 oil purifier can be rotated from machine to machine to keep oil reservoir clean as part of *TPM (Total Productive Maintenance)*.
- MB-50 utilizes *PurePack* chemical filter technology to remove oil oxidation that causes high acidity in Total Acid Number (TAN), solid particulate and dissolved water.
- Low operating oil pressure at 10 psi with 115 °F operating oil temperature.
- 1 KW with 12 watt /inch² density *immersion heater* for 110V-1ph.
- 3.3 KW with 14 watt /inch² density immersion heater for 480V-3ph.
- *PurePack filter replacement* will be indicated by 20 psi oil pressure switch or 1,000 hours (6 weeks) of PurePack operating timer.
- Available in 110V-1ph, 220V-3ph or 480V-3ph unit.
- 450 Pounds of dried weight, dimension,; 30"W x 39"L x 58"H.

Don't just filter the oil, purify your oil and keep it continuously **purified** in your equipment.

CHEMICAL OIL PURIFICATION SYSTEM CUSTOMIZED TO YOUR NEEDS:

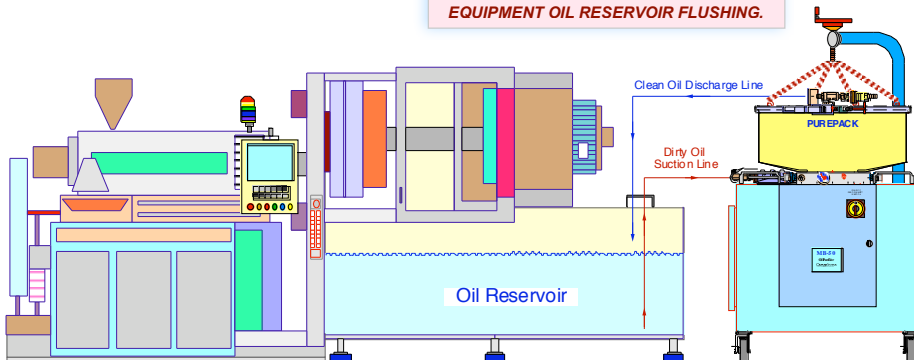
- **Major drop in new oil purchasing** and oil disposal. **Extend** your oil life more than 5 years with clean oil.
- Solid particulate removal down to **1 to 3 micron**. Get **ISO 13/10 or ISO 14/11 oil cleanliness**.
- Absorb emulsified water down to **less than 100 ppm** (part per millions).
- Remove **oil oxidation** causing high acidity in **Total Acid Number (TAN)**.
- Retain original oil additives that protect your equipment.

Oil Applications for OilPure

- | | |
|--|--|
| <ul style="list-style-type: none"> • Hydraulic oil • Gear oil • Transformer oil • Compressor oil • EDM oil • Synthetic oil • Fire Resistant oil • Phosphate Ester • Turbine oil • Transmission oil | <ul style="list-style-type: none"> • Quenching oil • Cutting oil • Honing oil • Grinding oil • Metal rolling oil • Drawing oil • Vacuum oil • Insulating oil • Rust preventing oil • Spindle oil |
|--|--|



MB-50 OIL DIALYSIS OPERATION FOR EQUIPMENT OIL RESERVOIR FLUSHING.



MB-50 Oil Dialysis Provides:

- Completed oil contamination flushing for oil reservoir. For example; The MB-50 can provide a oil contamination turnover in about 20 hours of oil dialysis for a 100 gal oil reservoir.
- Varnish or oil oxidation can be removed by PurePack.
- Remove dissolved water up to 2,500 ppm down to less than 100 ppm.
- Conventional filtration methods, *one size fits all*, such as cartridge filter, electrostatic, centrifuge, fuller earth etc. are unable to remove acidity, emulsified water and particle smaller than 3 microns in **one process** --- and these require separate filtration processes.
- Conventional filtrations are unable to alter both *physical and chemical changes* that cause oil deterioration. *OilPure* handles these problems in one process and maintain the oil in like-new condition.