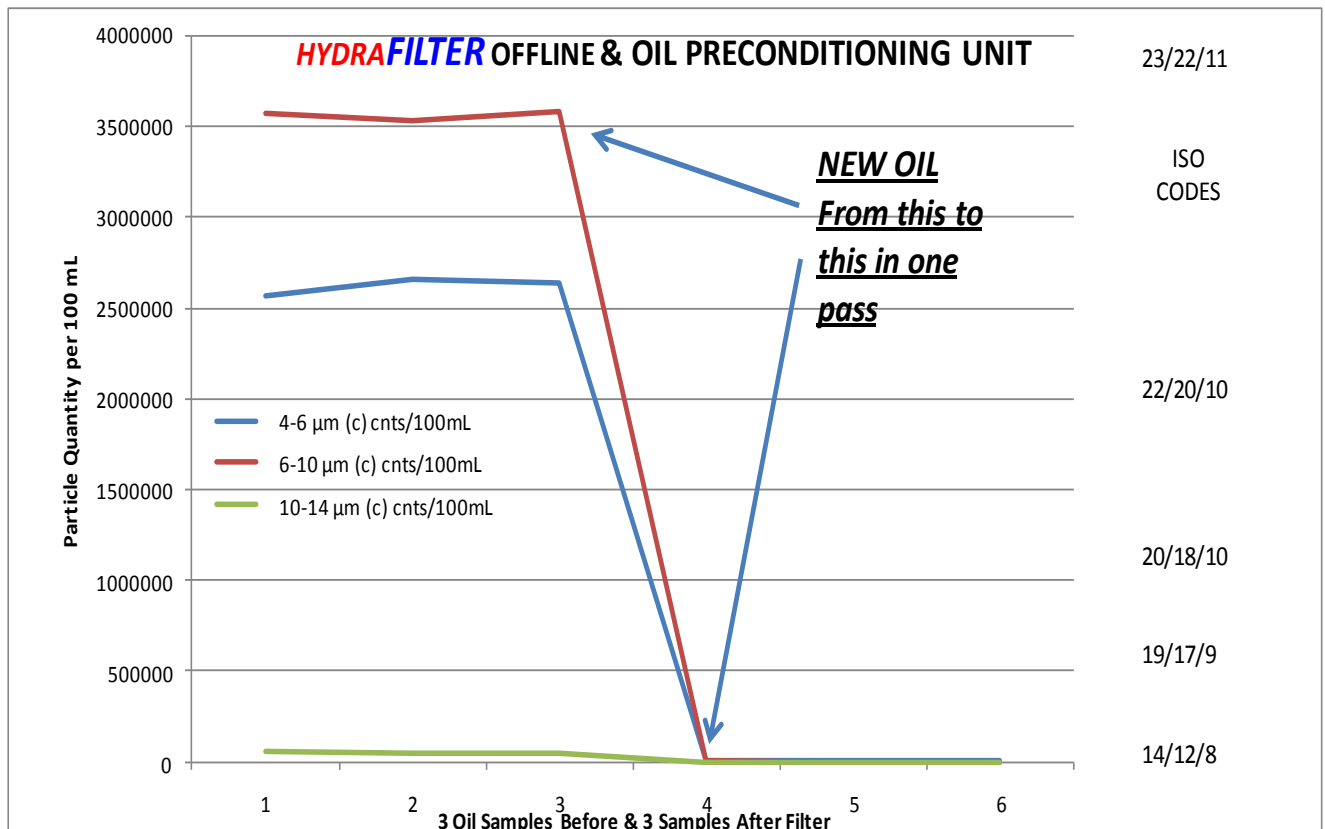


Filtration to 10 microns is the current accepted industry standard but ultra fine filtration has been shown to add thousands of hours to component life. After years of research and field trials The Hydraulic Shop have developed a solution to managing contamination of hydraulic, engine, transmission and gear oil using ultra fine filtration. The greatest potential for damage is in the first 30 minutes of operation because new equipment or machinery often has contamination either through the build, installation or the 'new oil' is dirty. The time to offline filter is

The **HYDRAFILTER OFFLINE** cart is a portable unit which can clean **1000 litres of oil in less than 20 minutes to ISO 14/12/8 or better.** Compare this to conventional systems that can take up to 48 hours to achieve this cleanliness level.



Used by

Hastings Deering Jellinbah Mining
Lucas Drilling Depco Drilling
Joy Mining

- 1-3 Werribee Street,
North Rockhampton QLD 4701
- PH: 61 7 4921 2921
- Fax: 61 7 4921 2923
- E-mail: paul.thompson@thehydraulicshop.com.au

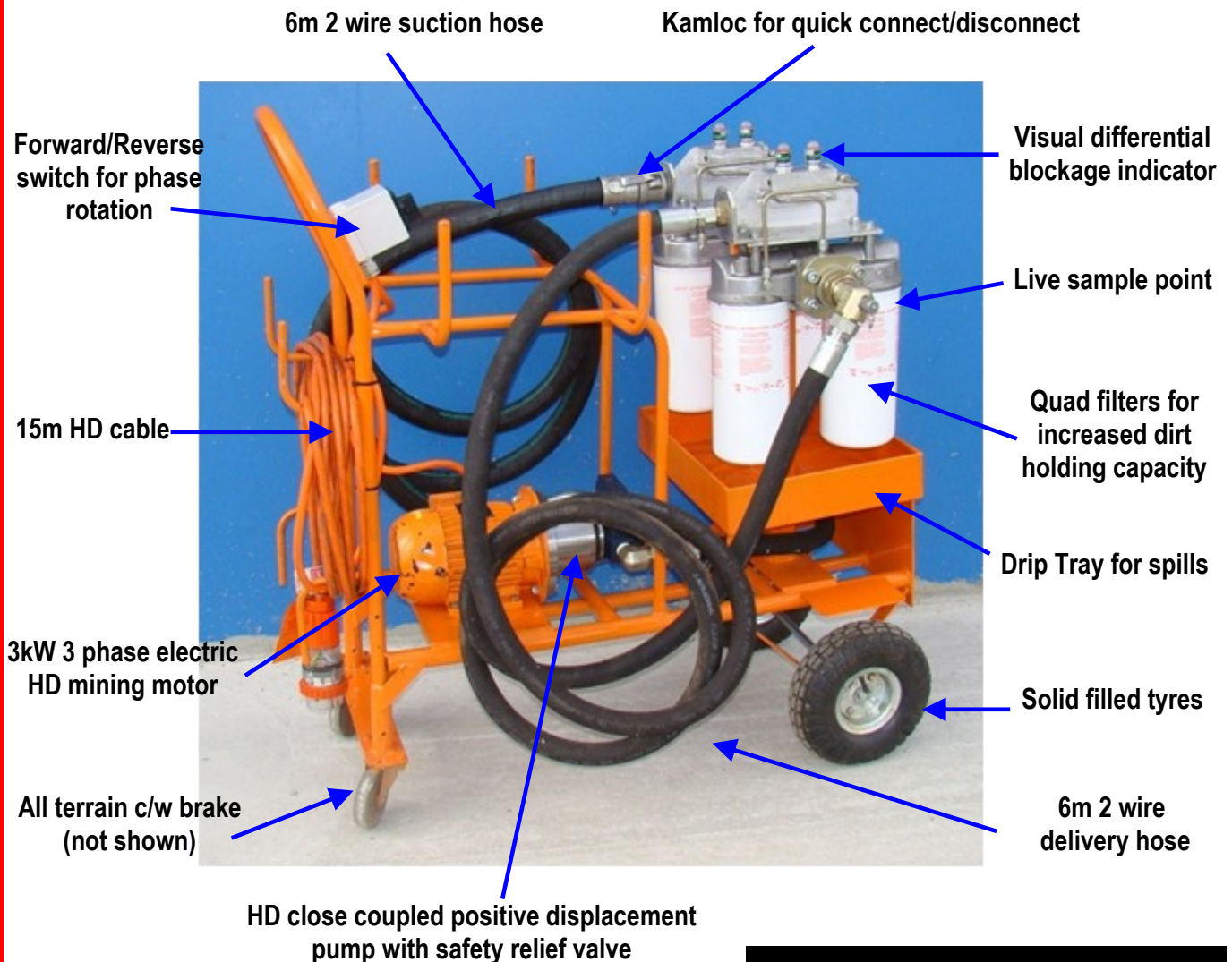
Cost Benefits:

- Reduced component wear, which in turn results in less breakdowns and increased uptime. More than 80% of all hydraulic failures are attributed to lubrication/contamination issues.
- Increased component life results in less component change outs and therefore less machinery downtime.
- Increased oil change intervals requires less labour resources, which in turn means labour can be utilised more effectively to stay on top of other maintenance issues.
- Increased oil change intervals also mean oil savings and waste management benefits.
- Improved environmental sustainability

Fitter Friendly

Design, Engineering & Safety:

- Four filters manufactured to The Hydraulic Shop specifications for ultra fine filtration
- Filters screw onto steel threads, ensuring long life of head block.
- A 1½" bypass valve incorporated into the filter head which assists with preventing filter cans being 'blown' with pressure surges.
- A visual differential switch on the filtration unit to indicate if filter is full or blocked
- Uses a 'spin on' can rather than messy elements with their associated spills and clean up requirements
- It can be used to filter hydraulic oil to 1 micron, gear oil to 5 micron or less and diesel to as low as 1 micron.



**CUSTOM SYSTEMS
DESIGNED AND BUILT**