

Living Proof.



ENVIRO™ hydraulic oil protects your equipment – and the environment.



Lasts up to 8 times longer than com

The Purity Advantage

ENVIRON™ AW and MV hydraulic fluids are premium performance fluids that are particularly suited for hydraulic applications in environmentally sensitive areas. Petro-Canada starts with the HT Purity Process to produce 99.9% pure base oil – among the purest in the world. By removing the impurities that can hinder the performance of competitive conventional oils, ENVIRON retains its “fresh oil” properties longer. Petro-Canada then blends these exceptional, crystal-clear base oils with the finest specialty additives to deliver maximum performance and the best *total cost solution* for your operation.



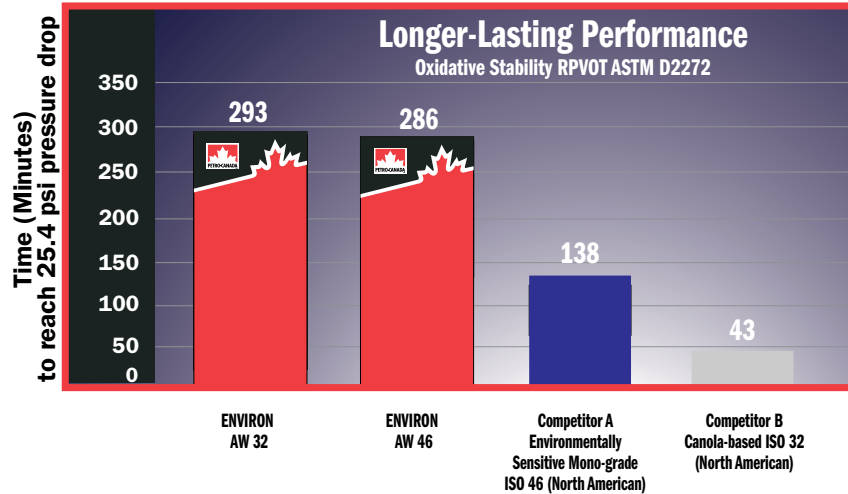
The Environmental Alternative

ENVIRON hydraulic fluids provide a cleaner, safer and more pleasant working environment, and help eliminate the potential problems associated with conventional hydraulic fluids. They are non-toxic, inherently biodegradable and recyclable. The advanced anti-wear, non-metal based chemistry behind ENVIRON helps keep metal content out of ground water and waste water streams. ENVIRON can be recycled and reclaimed, unlike vegetable oil-based products, which have to be incinerated or land farmed.

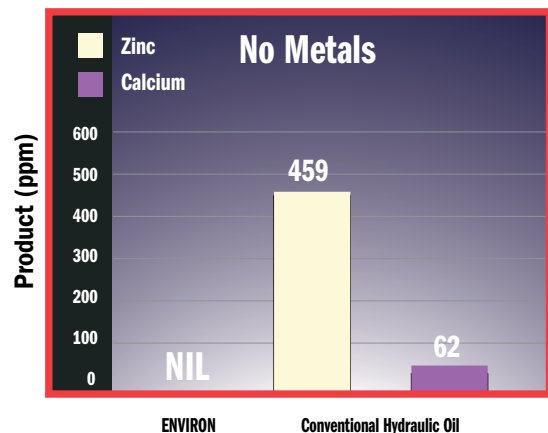
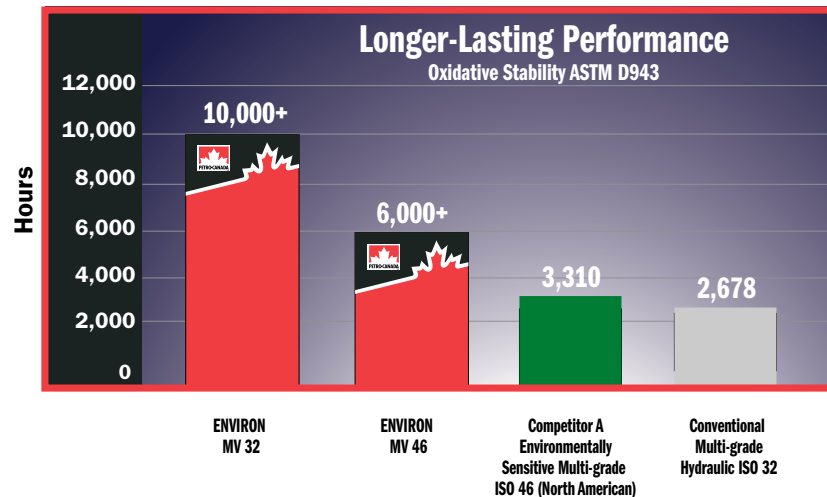
Performance Without Compromise

Extreme pressures and temperatures in equipment can accelerate degradation of conventional hydraulic fluids and vegetable oil-based products. When this happens, the oil loses its ability to protect vital system components.

ENVIRON hydraulic fluids are designed to exceed the performance requirements of conventional anti-wear hydraulic fluids, thus delaying degradation. They provide exceptional anti-wear, rust and corrosion protection, as well as outstanding oxidation and thermal stability. They also minimize sludge and varnish deposits to ensure smooth, reliable operation of hydraulic valves and actuators. All of this results in extended oil change intervals.



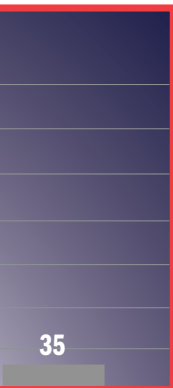
▲ ENVIRON has greater resistance to oxidation and retains its “fresh oil” properties longer for fewer hydraulic



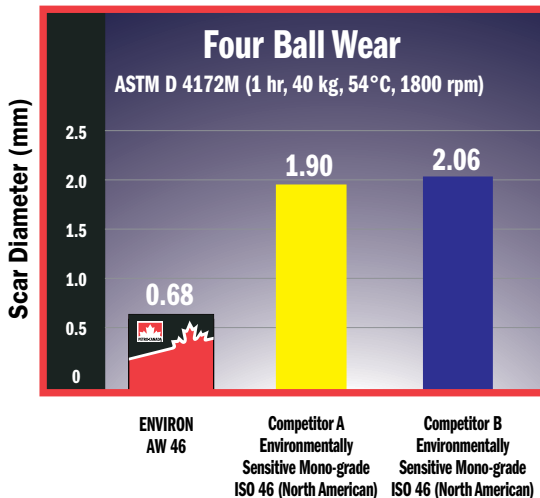
▲ ENVIRON keeps metals out of ground water and waste water streams

Environmentally sensitive – recyclable,

petitive North American products.

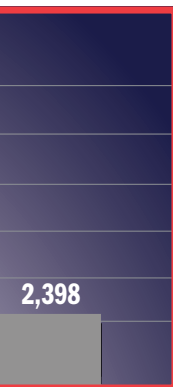


Competitor C Pine-based ISO 32 (North American)

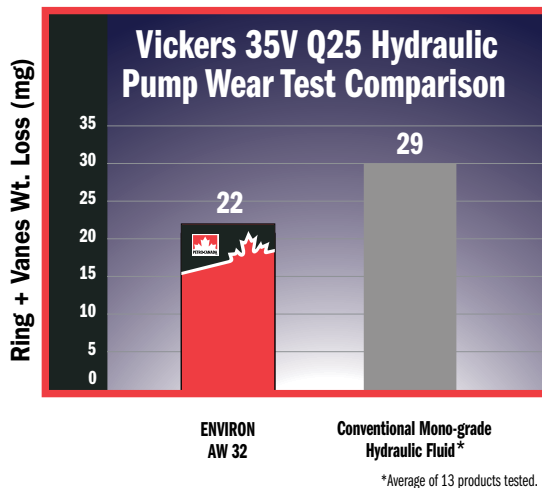


ic fluid changes ▼

▲ ENVIRON's excellent wear protection is also demonstrated with the Four Ball Wear Test and the Vickers Pump Test ▼



Conventional Multi-grade Hydraulic ISO 46



OEM Approval

ENVIRON AW meets the following hydraulic equipment manufacturer's specifications: Denison Vane and Piston Pump (HF-O), Eaton Vickers M-2950-S and I-286-S, Cincinnati-Lamb Landis P-68 (ISO 32), P-70 (ISO 46) and P-69 (ISO 68) and is GMLS 2 Approved. ENVIRON MV meets the following hydraulic equipment manufacturer's specifications: Denison Vane and Piston Pump (HF-O) and Eaton Vickers I-286-S.

ENVIRON AW is recommended for use in equipment manufactured by Eaton (Vickers), Hagglunds, Denison, Sauer-Danfoss, (Mannesmann) Bosch-Rexroth, Racine, Oilgear, Hydreco, Dynex and others. ENVIRON AW 32, 46, 68 are suitable for use when a DIN 51524 Part 2 HLP or ISO 6743/4 Type HM fluid is called for. ENVIRON MV is recommended for use in equipment manufactured by: Eaton (Vickers), Hagglunds, Denison, Sauer-Danfoss, (Mannesmann) Bosch-Rexroth, Racine, Oilgear, Hydreco, Dynex and others. ENVIRON MV 32 and 46 are suitable for use when a DIN 51524 Part 3 HVP or ISO 6743/4 Type HV specification is called for.

Extended Life

ENVIRON hydraulic fluids have a longer oil life and last up to 8 times longer than competitive products. The metals-free ENVIRON formulation matched the performance of conventional zinc-based hydraulic fluids in the severe Vickers Pump Wear test and outperformed the leading competitive products in the Four Ball Wear test.

ENVIRON AW

ENVIRON AW straight grade hydraulic fluids are designed for use in mobile and stationary heavy duty hydraulic systems. They extend equipment life for reduced maintenance and downtime.

ENVIRON MV

ENVIRON MV multi-grade hydraulic fluids are formulated to protect equipment operating in wide temperature extremes. They allow hydraulic systems to start in temperatures as low as -34°C (-29°F), and provide exceptional lubrication of hydraulic components operating at high temperatures.

The ENVIRON Difference

- ENVIRON hydraulic fluids protect your hydraulic components, especially in environmentally sensitive or protected areas.
- ENVIRON delivers longer-lasting performance compared to competitive vegetable oil-based and conventional hydraulic fluids.
- ENVIRON extends the operating equipment life and oil drain intervals with exceptional corrosion, rust, anti-wear protection, water separability, hydrolytic stability, air release performance and resistance to foaming.
- ENVIRON MV lets you consolidate hydraulic fluid inventory with year-round use under wide temperature extremes.



"Our experience with ENVIRON MV is that it is initially clearer than other oils, and that it also stays clear longer. This makes it easier for us to monitor."

Rune Laursen,
Technical Purchasing Assistant,
Nunc A/S

non-toxic and biodegradable.



OUR NO-NONSENSE LUBRICANTS WARRANTY

“Petro-Canada Lubricants will repair damaged equipment, or replace damaged equipment parts resulting from a failure due to defects of the Petro-Canada lubricant, as long as the lubricant is used in accordance with your equipment manufacturer’s and our recommendations.”

It’s more than just a warranty. It’s a commitment.

To learn more about how Petro-Canada Lubricants can help your business visit:

lubricants.petro-canada.com

or contact us at **lubecsr@petrocanadalsp.com**

