



ARE THE HYDRAULICS USED IN AN ENVIRONMENTALLY-SENSITIVE OR FOOD GRADE AREA?

NO

YES

YES

Neither Food Grade nor Environmentally-sensitive

Normal Temperatures/
Normal Loads

Wider Temperature Ranges/
High Loads

Can you consolidate
Viscosity Grades?

NO

YES



HYDREX AW

- HYDREX AW is recommended for heavy duty hydraulic applications requiring outstanding wear protection.
- HYDREX AW fluids have both excellent thermal stability and oxidation life, which could extend intervals between change-outs and excellent protection against corrosion and varnish.
- Available in grades 22, 32, 46, 68, 80 and 100.

HYDREX MV

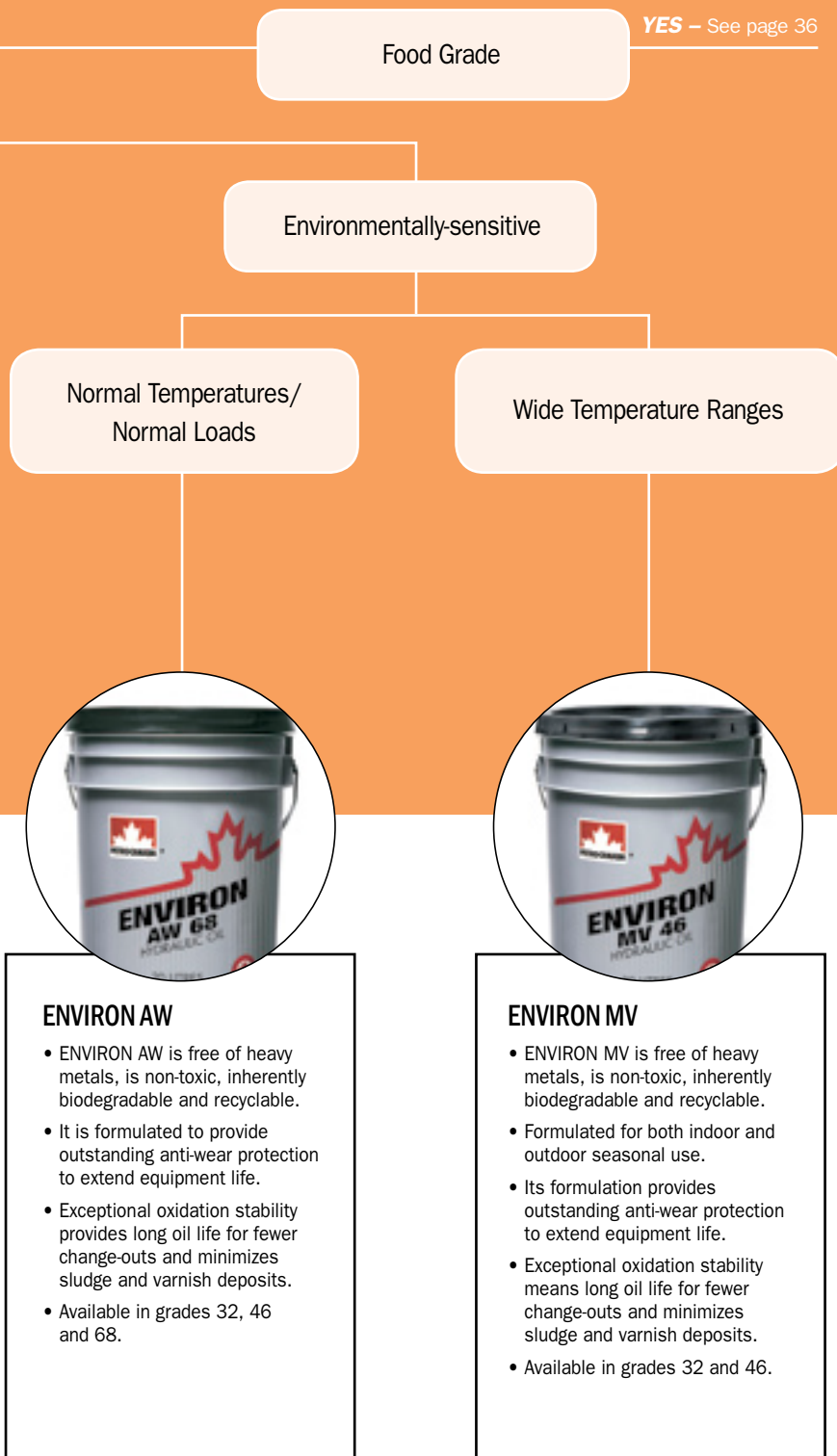
- HYDREX MV is recommended for heavy duty hydraulic applications operating at high pressures and in wide temperature range conditions.
- They are ideally suited for piston, gear and vane pumps used in industrial, marine, woodlands, mining and other hydraulic systems.
- These fluids offer minimal fluid friction at low start-up temperatures and excellent protection at high operating temperatures.
- Available in grades 22, 36 and 60.

HYDREX XV

- HYDREX XV performs in equipment that has to be started at temperatures as low as -40°C/-40°F and perform equally well at temperatures as high as 75°C/167°F.
- HYDREX XV performs exceedingly well in a wide range of industrial machinery used in such industries as woodlands, construction, mining, public utility and marine operations.

PERFORMANCE BENEFITS

- HYDREX AW are premium performance, long-life anti-wear hydraulic fluids.
- HYDREX MV are designed for use in wide temperature ranges.
- HYDREX XV is recommended for year-round use in equipment that must perform in both low and high temperature ranges. Potential energy efficiencies could be realized with product versus monograde products.
- ENVIRON AW monograde hydraulic fluids are designed for use in equipment used primarily in environmentally-sensitive areas.
- ENVIRON MV fluids are designed for year-round use in equipment operating in wide temperature ranges, particularly in environmentally-sensitive areas.



OTHER PRODUCTS

SPECIALTY HYDRAULICS	APPLICATION
HYDREX Extreme	<ul style="list-style-type: none"> • Designed for extremely wide cold temperature protection. • Oxidation stability helps extend drains and minimizes sludge and varnish deposits. • Recommended for vane, gear and axial piston hydraulic pumps used in marine, woodland, mining and other hydraulic systems.
HYDREX MV Arctic 15	<ul style="list-style-type: none"> • Premium, high performance fluid designed for extremely cold temperature operation. • Biodegradable and recommended for use in critical low temperature systems.
HYDREX DT	<ul style="list-style-type: none"> • Special anti-wear detergent/dispersant hydraulic fluids containing the same antioxidant chemistry as HYDREX AW. • For use in systems prone to contamination.
BIO 40	<ul style="list-style-type: none"> • Readily biodegradable, designed for use in environmentally-sensitive situations. • Biodegradation rate of 80.1% as measured by OECD 301B and 93% by CEC-L-33-A-93.