

**GOING GREEN**



***Environmentally Approved Hydraulic Fluid***

Power Flo is a premium, high pressure, water soluble, environmental hydraulic fluid, which provides a more responsible environmental option than conventional mineral oil or vegetable oil based hydraulic fluids. In applications where hydraulic piping may rupture and spray, or leak hydraulic fluid into sensitive environments, Power Flo is readily biodegradable, and dissolves entirely, protecting fish and fowl from oily slicks. Power Flo's technical performance is equal to or better than premium mineral oil hydraulic fluids in service.

**Recommended Uses**

Power Flo is recommended for use in precision industrial and mobile hydraulic systems operating at system pressures up to 7000 psi at 50 °C (Note: higher operating pressures and temperatures may be possible).

Power Flo is recommended for use in stationary or mobile hydraulic systems operating in sensitive environments where spills or leaks may occur.

Power Flo high pressure hydraulic fluid is a Group 1 Factory Mutual approved fire-resistant fluid.

**Features**

- Readily Biodegradable
- Low order of Toxicity
- Water Soluble
- High Viscosity Index, Low Pour Point
- Not WHMIS controlled
- NON TDG controlled
- Eco-Logo Approved
- Fire Resistant

**Benefits**

- >85% in 28 days. Incidental drips or leaks degrade in the environment leaving no lasting effects.
- Reduced environmental liability, reduced clean-up costs
- Rated by USFW as "Essentially Non-Toxic."
- Not harmful to fish or wildlife
- Easy Clean-up
- Will not form slicks or sheens when released into water. Dissolves, disperses and degrades. Will not foul shorelines or plant life.
- Resists viscosity change with temperature. Works better than mineral oil at operating temperature extremes. Pour point of -63 degrees C.
- Worker Acceptance
- Lower Freight Costs
- Your evidence of due diligence choosing a Government of Canada approved environmental product
- Worker and Asset Protection

All technical information, recommendations and statements contained herein are based on tests we believe to be reliable. It is offered in good faith but with out guarantee. We make no warranty expressed or implied as to the suitability of our product for any particular use in operations not under our direct control. Liability is limited to the net purchase price of the product.

Forsythe Lubrication Associates Ltd. 120 Chatham St. Hamilton, Ontario, Canada L8P 2B5  
Phone: (905) 525-7192 Fax: (905) 525-7024 Toll Free: (800) 363-2759

### Typical Technical Properties

Property	Method	Typical
Colour & Appearance	Visual	Clear, Blue
Viscosity, cSt @ 40 °C	ASTM D-445	46
Water by Karl Fischer Titration, %	ASTM D-1744	39
Pour Point, °C	ASTM D-97	-63
pH	FLA 003	9.0
Reserve Alkalinity, (mL 0.1N HCl to neutralize 100mL of fluid to pH 5.5)	FLA 011	180
100 Hour Pump Stand Test, mg wear / hour	ASTM D-2882	0.10
100 Hour Vickers Pump Stand Test, mg wear /hour	20-VQ-5	0.13

#### Notes

20-VQ-5 Pump Stand Test Conditions:

Pump Pressure	3000 psi
Pump Speed	1200 rpm
Flow Rate	5 GPM
Temperature	65°C

The Vickers 20-VQ-5 Pump Stand Test has been developed to provide hydraulic fluid performance data in combination with ASTM D-2882.

#### Packaging

Power Flo Environmental hydraulic fluid is available in 5 gallon pails or 55 gallon drums.

**CONTACT INFORMATION: Phone: (905) 525-7192 or (800) 363-2759**

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