



# Lyden Oil Company

## ProGuard

### Product Information

#### **ProGuard AWD Hydraulic Fluid**

**ProGuard AWD Hydraulic Fluids** are anti-wear hydraulic oils featuring unique detergent-dispersant qualities that remove deposited sludge and varnish. These contaminants are suspended and carried to the filter for removal from the system. **ProGuard AWD Hydraulic Fluids** will also pick-up and emulsify destructive moisture.

**ProGuard AWD Hydraulic Fluids** are primarily designed to be used in complex computer and tape-controlled machine tools and some robot systems with hydraulic actuators and drives. They are generally recommended for all hydraulic systems where rust, corrosion or abnormally high temperatures are encountered.

**Meets the approval requirements of:**

- Hagglunds-Denison HF-0, HF-1, HF-2
- Vickers M-2952-S
- Cincinnati Milacron P-68, 69, 70
- US Steel 127, 136
- Racine Vane Pumps-Variable Volume

**Typical Physical Characteristics:**

<b>ProGuard AWD</b>	<b>10</b>	<b>22</b>	<b>32</b>	<b>46</b>	<b>68</b>
ISO Viscosity Grade	10	22	32	46	68
Viscosity, ASTM D-445					
cSt. at 40° C	10.4	21.1	30.5	43	64
cSt. at 100° C	2.6	3.9	5.3	6.7	8.2
Viscosity Index	101	101	100	98	96
Flash Point, ASTM D-93, °F (°C)	410 (210)	410 (210)	410 (210)	410 (210)	410 (210)
Rust Test, ASTM D-665	Pass	Pass	Pass	Pass	Pass
Pour Point, °F	-25	-25	-25	-25	-20
Copper Strip, 3 hrs./212 °F	1a	1a	1a	1a	1a

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