



Lyden Oil Company

ProGuard Product Data

PROGUARD HVI – ARCTIC AW HYDRAULIC OIL

High viscosity Index & Low Pour Point Anti-Wear Hydraulic Oil

PRODUCT DESCRIPTION

PROGUARD HVI – ARCTIC AW HYDRAULIC oil is designed to give long service in high-output hydraulic systems using vane, piston or gear pumps. This oil is blended using latest Anti-Wear additive technology with a combination of highly shear stable Viscosity Index Improver. This oil has high viscosity index (VI) and low pour point for use over a wider temperature range than conventional anti-wear hydraulic fluids. *Since these oils contain a Zincdithiophosphate anti-wear agent, it should not be used in those specialized pumps having silver-faced bearing surfaces.*

This oil is recommended for high-pressure pumps and hydraulic systems from leading manufacturers such as:

- ◆ John Barnes
- ◆ Denison HF-O
- ◆ Bosch Rexroth RD/RE 90220-1
- ◆ Racine, Variable volume pump
- ◆ Vickers M-2950-S (mobile) and I-286-S (industrial)
- ◆ DIN 51524 Part 2, 3(HVLP)

APPLICATIONS

PROGUARD HVI – ARCTIC AW HYDRAULIC Oil is ideally suited for piston, gear and vane pumps used in industrial, marine, woodlands, mining and other mobile hydraulic systems operating in cold weather. This fluid can be used in land based hydraulic systems where MIL-H-5606 fluid is recommended. The typical applications also include hydraulic control systems for machine tools and press, mobile construction equipment, hydraulic elevators, hoists and lifts. *This fluid is not for use in air-craft application.*

TYPICAL PROPERTIES

TEST		ISO 15
Viscosity @40°C	D445	14.8
Viscosity Index	D2770	235
Pour Point °C	D97	-62
Color		BLUE
Demulsibility	D1401	<10 min to pass
Dielectric Strength(kV)*	D877	35
Brookfield @ -40°C	D2983	2500

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