



# Lyden Oil Company

## ProGuard

### Product Information

#### ProGuard EC AW Hydraulic Oils

**ProGuard EC AW Hydraulic Oils** are premium, zinc free, anti-wear hydraulic oils developed to meet the requirements of high output hydraulic systems. They are designed for use in high pressure or high speed vane and gear-type hydraulic pumps, rotary vane-type compressors, machine tools and circulating systems.

**ProGuard EC AW Hydraulic Oils** are recommended for applications where environmental restrictions prevent the use of oils containing heavy metal components such as zinc.

**ProGuard EC AW Hydraulic Oils** are thermally stable, ashless fluids characterized by outstanding rust protection, low deposit formation, good demulsibility, low air entrainment, excellent oxidation resistance, low pour points and good anti-foam properties.

#### Manufacturer Approvals

Denison HF-0, HF-1, HF-2

Eaton M-2950-S

MAG (Cincinnati Milacron) P-68, P-69, P-70

DIN 51524 Part II

Conestoga Pump Test ISO 20763

ASTM D6158

SAE MS 1004

Bosch Rexroth RE 90220

GMLS-2

ISO 11158

#### Typical Properties

#### ProGuard

#### EC AW Hydraulic Oils

	32	46	68	100
Product Code Number	17966	17891	17892	17893
Viscosity, ASTM D-445				
cSt at 100 °C	5.2	6.6	8.6	11.2
cSt at 40 °C	30.1	44.3	65.9	97
Viscosity Index	100	100	100	100
Flash Point, °C (°F), ASTM D-92	210 (410)	221 (430)	235 (455)	254 (490)
Pour Point, °C (°F), ASTM D-5950	-29 (-20)	-29 (-20)	-29 (-20)	-23 (-10)
API Gravity	31.8	31.8	31.7	31.5
Oxidation Stability, Hrs, ASTM D-943	7000+	7000+	7000+	7000+
Rust Test, ASTM D-665A	Pass	Pass	Pass	Pass

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