



**THE INNOVATIVE  
AUSTRALIAN**

## Product Data Sheet

### **Hydrol HVI Oils**

*Extreme Temperature, Anti-Wear Hydraulic Fluid*

**Hydrol HVI** products are specifically designed for use where extremes of temperature are encountered. This is a high quality, polymer enhanced fluid designed to ensure maximum effective operation of the hydraulic equipment in conditions where extremes of temperatures are encountered.

#### **Summary of Benefits:**

- Wide operating temperature range.
- Superior fine filterability even in wet conditions.
- Leading performance in anti-wear protection, oxidation resistance and thermal stability.
- Very high shear stability ensures constant oil viscosity for uniform equipment operation.
- Long fluid life due to enhanced chemical and thermal stability.

#### **Specifications:**

- Cincinnati Milacron, P-68, P-69, P-70
- Denison HF0, HF1, HF2
- DIN 51524 Part 2 (HLP) & Part 3 (HVLP)
- Eaton Brochure 694 for VQ25A (formerly M-250-S and I-286-S)
- Ford M6C 32
- GM LS2
- ISO 11158 Categories HM and HV
- ASTM D 6158 Type HM and HV
- AFNOR NF E48-603

**Product Code:** 5102 (32), 5103 (46), 5104 (68), 5105 (100)

**Product Size:** 5L (32,46,68 only), 10L (32,46,68 only) 20L, 205L, 1000L

25.8.21 v1

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### Hydrol HVI Oils

#### Typical Characteristics:

	<b>32</b>	<b>46</b>	<b>68</b>	<b>100</b>
Density at 15°C (kg/L)	0.87	0.876	0.885	0.88
Kinematic Viscosity at 40°C mm <sup>2</sup> /s (cSt)	32	46	68	100
Kinematic Viscosity at 100°C mm <sup>2</sup> /s (cSt)	6.4	8.2	11	14.5
Viscosity Index	150+	150+	150+	150+
Flash Point COC (°C)	204	216	226	226
Pour Point (°C)	-44	-42	-40	-19
Appearance	Clear and Bright			

\*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

#### Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

#### Health, Safety and Environment:

A Safety Data Sheet (SDS) is available for each product. Users should consult the SDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Safety Data Sheet is available at Royal Precision Lubricants website [www.royallubricants.com.au](http://www.royallubricants.com.au) or by email [info@royallubricants.com.au](mailto:info@royallubricants.com.au)

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