



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Hydrol AW Hydraulic oils

Quality Anti Wear Hydraulic Fluids

Hydrol AW Hydraulic Oils are premium quality, anti-wear hydraulic fluid, designed for use in mobile and stationary high-pressure hydraulic systems. They also find application as circulating oils, bearing oils and as gear lubricants.

Summary of Benefits:

These oils offer superior performance in oxidation protection, thermal stability, water tolerance and pump durability. Anti-foam, anti-oxidants & anti-wear additives have been optimised for use where machine performance is not affected by fluctuating temperatures.

Specifications:

- Cincinnati Machine: P-68, P-70, P-69
- Denison: HF-0, HF-1 and HF-2
- DIN: 51524 Part 2 (HLP)
- Eaton: Brochure 694 for 35VQ25A (formerly M-2950-S and I-286-S)
- Ford: M6C 32
- GM: LS2
- ISO: 11158 Category HM
- Racine variable volume vane pumps
- US Steel: 136, 127
- AFNOR: NF E48-603 HM
- ASTM: D 6158 Type HM

Product Code: 5001 - 5006

Product Size: 20L, 60L, 205L, 1000L

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Typical Characteristics:

	22	32	46	68	100	150
Density at 15°C (kg/L)	0.865	0.870	0.872	0.880	0.899	0.896
Kinematic Viscosity at 40°C mm ² /s (cSt)	22	32	46	68	100	150
Kinematic Viscosity at 100°C mm ² /s (cSt)	4.3	5.5	6.9	9.0	11.4	15.1
Viscosity Index	101	106	105	106	100	100
Flash Point COC (°C)	165	175	185	195	210	>220
Pour Point (°C)	-36	-31	-33	-30	-21	-19
Colour	Clear	Clear	Clear	Clear	Clear	Clear

*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 or by email: info@royallubricants.com.au.

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