



**THE INNOVATIVE
AUSTRALIAN**

Product Data Sheet

Eco BioDraulic Oils

Premium Grade, Environmentally Responsible Hydraulic Oil

Eco BIODRAULIC hydraulic oils are fortified vegetable-based fluids that are biodegradable and therefore ultimately harmless to the environment while meeting the requirements of conventional Hydraulic lubricants. Due to this lubricant's natural base oils, its wide viscosity range makes it ideal for use in a variety of machines. This product is 90-95% biodegradable over a 30-day period.

Applications:

- **Eco BIODRAULIC** hydraulic oils are suitable for all types of machinery where the leaking of fluid would be unacceptable to the surrounding environment including waterways & run off areas, golf course equipment, permanent crop plantations / harvesting equipment and environmentally sensitive areas etc.
- **Eco BIODRAULIC** hydraulic oils are highly rated hydraulic oils that have been used in applications where temperatures range from -5°C to $+80^{\circ}\text{C}$
- **Eco BIODRAULIC** hydraulic oils due to their oil characteristics will give good service life under normal conditions and protect working surfaces from wear due to their special non-zinc additive system.
- **Eco BIODRAULIC** hydraulic oils may deteriorate under severe service conditions of high temperature and pressure and therefore should be conditioned moderated to ensure their service life has not been exceeded. More frequent fluid changes will assist in maintaining system cleanliness and pump life.

Performance:

- Denison HF-O on use in T6H20C pump test

Product Code: 9024-9025

Product Size: 20L, 205L, 1000L

V1. 18/06/24

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Typical Characteristics:

ISO GRADE	46	68
Density	0.912	0.916
Flash Point COC °C	195	210
Pour Point °C	-30	-20
Viscosity, cSt at 40°C	43-45	65-69
Viscosity, cSt at 100°C	11	14
Viscosity Index	254	215

**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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