



GULF WESTERN OIL
THE TOUGH AUSTRALIAN

SUPERDRAULIC ZINC FREE

ZINC FREE ANTI-WEAR HYDRAULIC FLUID

DESCRIPTION

The Superdraulic Zinc Free grades are premium grade Zinc free anti-wear hydraulic fluids suitable for use in systems where silver plated bearings are common, such as Lucas PM - 500 series hydraulic pumps.

Offering excellent wear protection and enhanced oxidation control these fluids can offer extended service benefits compared to a zinc containing hydraulic fluid. Being metal additive free Superdraulic Zinc Free hydraulic oils can often be used in more sensitive environments where traditional hydraulic fluid cannot.

SUMMARY OF BENEFITS

- Zinc free formulation safe for pumps and hydraulic systems containing white metals such as silver
- Very high oxidation stability (extended service life)
- Excellent demulsification properties (separation from water)
- Good corrosion protection for both steel and non-ferrous metals
- Good filterability, both wet and dry
- Excellent thermal and hydrolytic stability

SPECIFICATIONS

Exceeds the following industry and OEM requirements:

- Denison HF-0, HF-1, HF-2
- Cincinnati Machine P-70 (ISO 46) and P-69 (ISO 68)
- DIN 51524 Part II type HLP
- ISO 6743/4 (HM)
- AFNOR NF E 48-603 (HM)
- US Steel 126

GULF WESTERN PREMIUM QUALITY LUBRICATING OILS (AUST) PTY LTD

Head Office: 92-96 Links Road, St Marys NSW 2760 - PO BOX 515 Kingswood, NSW 2747

Phone: 02 9673 9600 - **Fax:** 02 9623 6466 - **Email:** sales@gulfwestern.com.au - **Web:** www.gulfwestern.com.au

ACN: 087 558 398



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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

Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

TYPICAL CHARACTERISTICS

SUPERDRAULIC ZINC FREE	Test Method	Units	46	68
Density @ 15°C	ASTM D1298	kg/L	0.862	0.871
Kinematic Viscosity				
@ 40°C	ASTM D445	cSt	46	68
@ 100°C	ASTM D445	cSt	7.05	8.95
Viscosity Index	ASTM D2270	-	111	105
Demulsibility	ASTM D1401	mL (min)	40/40/0 (10)	40/40/0 (10)
Pour Point	ASTM D97	°C	-27	-27
Flash Point (COC)	ASTM D92	°C	>200	>200

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

AVAILABLE PACK SIZES

ISO 46: 60006

ISO 68: 30087

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