



**GULF WESTERN**

THE TOUGH AUSTRALIAN

PRODUCT DATA

# Superdraulic 22, 32, 46, 68, 100, 150, 220

High Performance Anti Wear Hydraulic Oil

## Description

Superdraulic is a range of high performance anti wear hydraulic oils. They have been formulated using highly refined base oils fortified with zinc anti wear, oxidation corrosion inhibitors and anti foam additives.

This produces a highly thermally stable fluid capable of handling high loads and high temperatures. The Superdraulic range is available in ISO grades 22, 32, 46, 68, 100, 150 and 220.

## Compatibility

Superdraulic is compatible with most pumps, valves, and seal materials. However, like all hydraulic oils containing zinc anti wear additives, it is not suitable for use with pumps having silver plated parts (e.g. some Lucas units).

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## Summary of Benefits

- Improved equipment life and decreased downtime due to superior wear and corrosion protection.
- Enhanced chemical and thermal stability provide long fluid life and permit higher operating temperatures.
- Excellent air release and anti-foam properties to prevent cavitation and oxidation.
- Excellent filterability even when contaminated, thereby preventing filter blockages. This saves filter replacement costs and down time.
- Enhanced low frictional characteristics to prevent the occurrence of "stick slip."

## Specifications

Superdraulic meets the following international performance specifications:

- ISO Viscosity Grades 22, 32, 46, 68, 100, 150, 220
- Cincinatti Milacron P68, P69, P70
- Denison HF-0, HF-1, HF-2
- DIN 51 524 Part 2 (HLP type oils)
- US Steel 136, 127
- Vickers 1-286-S, M2952-S

Superdraulic meets the requirements of the following pump manufacturers:

- Hagglund
- Danfoss
- Bosch
- Racine
- Sunstrand
- Oilgear
- Rexroth
- Linde
- Commercial Hydraulics
- Vickers
- Denison
- Cincinatti Milacron

## 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 Phone: 02 9673 9600.

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## Typical Characteristics

Grade:	Superdraulic		22	32	46	68	100	150	220
Product Code:			30078	30061	30062	30063	30064	30070	30071
	Test Method	Units							
Density @ 15°C	ASTM D1298	kg/L	0.8650	0.8682	0.8773	0.8819	0.8883	0.8901	0.8939
Kinematic Viscosity									
@ 40°C	ASTM D445	cSt	22	32	46	68	100	150	220
@ 100°C	ASTM D445	cSt	4.3	5.4	7	9	11.0	14.5	18.7
Viscosity Index	ASTM D2270	-	101	102	109	107	94	95	95
Pour Point	ASTM D97	°C	-27	-27	-27	-27	-27	-27	-27
Flash Point (COC)	ASTM D92	°C	>224	>224	>224	>224	>224	>224	>224
FZG Gear Test (A/8.3/90°C)	IP 334	Stage Failure	11	11	11	11	11	11	11
Colour	ASTM D1500	-	1.5	1.5	1.5	1.5	1.5	1.5	1.5

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



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