



# GULF WESTERN OIL

## THE TOUGH AUSTRALIAN

### INDUSTRIAL/OFF HIGHWAY

## TECHNICAL DATA SHEET

# SUPERDRAULIC® HI TEMP 46 & 68

### SUMMARY OF BENEFITS

- Low variation in viscosity with temperature which leads to: - Suitability for very high and low ambient temperatures allowing rationalisation of grades to cover conditions, offering reduced wear at start up (filters not by passing) yet still protects at operating temperature
- Improved equipment life and decreased downtime due to superior wear and corrosion protection
- 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 & down time
- Very high shear stability ensures constant oil viscosity for uniform equipment operation
- Long fluid life due to enhanced chemical and thermal stability

### SPECIFICATIONS

- ISO Viscosity Grades 46 & 68 • Denison HF-0, HF-1, HF-2 • DIN 51 524 Part 3 • MIL-L-24459 (Ships) • ISO 6743/4 CAT HV
- Vickers M2952-S

### TYPICAL PROPERTIES

CHARACTERISTICS	TEST METHOD	UNITS	RESULTS - 46	RESULTS - 68
Density @ 15°C	ASTM D1298	Kg/L	0.856	0.8731
Kinematic Viscosity @ 40°C @ 100°C	ASTM D445	cSt	46	68
	ASTM D445	cSt	8	10.7
Viscosity Index	ASTM D2270	-	>150	>150
Pour Point	ASTM D97	°C	-17	-17
Flash Point (COC)	ASTM D92	°C	209	209
FZG Gear Test (A/8.3/90°C)	IP 334	Stage Failure	11	11
Colour	ASTM D1500	-	Green	Green

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

### COMPATIBILITY

Superdraulic® Hi Temp 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).

### 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.

### AVAILABLE PACK SIZES

46: IBC - 30081B, 205lt - 30081, 20lt - 32081, 5lt - 30581

68: IBC - 30065B, 205lt - 30065, 20lt - 32065, 5lt - 30565

### 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.



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**Oronite**

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