

# GRANTT AW GOLD HYDRAULIC OIL

ISO 32, 46, 68, 100



## Product Description

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GRANTT AW GOLD Hydraulic Oil is formulated and fortified with anti-wear, corrosion, oxidation and foam inhibitors to provide maximum protection required by both high and low pressure industrial hydraulic systems under severe applications. Its unique formulation ensures high resistance of oil thickening in service, excellent protection of machine surfaces against wear corrosion, thermal and oxidative stability as well as rust control.

<b>Application</b>	GRANTT AW GOLD Hydraulic Oil can be used in a wide range of equipment such as hydraulic systems, heavy duty machineries, gear sets and other equipment requiring premium quality hydraulic oil.
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<b>Benefit</b>	<ul style="list-style-type: none"><li>• Copper Strip Corrosion Standard with 1A performance</li><li>• Excellent anti-wear protection and performance</li><li>• Good antifoam characteristics and rust protection</li><li>• High thermal and oxidation stability resulting in longer service life</li><li>• Improved filterability</li></ul>
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## Specifications

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- Parker (Formerly Denison)  
HF-0, HF-1, HF-2(HM, HV)
- Eaton E-FDGN-TB002-E
- Fives P68, P69, P70 (HM, HV)
- DIN 51524-2 (HM), DIN 51524-3 (HV)
- ISO 11158 (HM, HV)
- ASTM D6158 (HM, HV)
- SAE MS 1004 (HM, HV)
- Bosch Rexroth RDE 90235
- JCMAS P041 HK Hydraulic  
Specification
- GM LS-2
- AIST 126, 127
- SEB 181222

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## Typical Properties

Test	Method	Typical Result			
ISO Viscosity Grade	ISO 3448	32	46	68	100
Copper Strip Corrosion Test, 3hrs@100°C	ASTM D130	1A	1A	1A	1A
Density @ 30°C, kg/l	ASTM D4052	0.8636	0.8695	0.8751	0.8770
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	34.8	44.6	71.7	99.7
@100°C, cSt	ASTM D7042	5.9	6.8	9.1	11.4
Viscosity Index	ASTM D2270	113	108	100	102
Pour Point, °C, Min	ASTM D97	-9	-9	-9	-9
Flash Point, °C, Min	ASTM D92	212	210	218	222