

# GRANTT BIO HYDRAULIC OIL

VG 32, 46, 68



## Product Description

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GRANTT BIO HYDRAULIC OIL is formulated from triglyceride bases and additives, providing excellent lubricant properties equivalent to conventional lubricants. It meets ISO 15380 (HETG) requirements for environmentally acceptable lubricants and is designed to offer maximum protection in hydraulic equipment used in environmentally sensitive areas.

GRANTT BIO HYDRAULIC OIL is readily biodegradable, non-bioaccumulative, and less toxic, thus minimizing environmental impact in the event of accidental spillage.

<b>Application</b>	GRANTT BIO HYDRAULIC OIL is the perfect choice for any application where potential oil leakage may result in an undesirable environmental impact.
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<b>Benefit</b>	<ul style="list-style-type: none"><li>• Excellent anti-wear protection</li><li>• Excellent corrosion protection</li><li>• Good anti-foam characteristics</li><li>• Excellent rust protection</li><li>• High thermal stability</li><li>• High oxidation stability</li><li>• Biodegradable and non-toxic</li></ul>
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## Specifications

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- ISO 15380: HETG (triglyceride)
- ISO 20763
- OECD 301
- ASTM D943

**GRANTT BIO HYDRAULIC OIL**  
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**Typical Properties**

Test	Method	Typical Result		
		32	46	68
ISO Viscosity Grade	ISO 3448	32	46	68
Appearance	Visual	Clear and bright	Clear and bright	Clear and bright
Colour	ASTM D1500	L1.0	1.0	L2.5
Density @ 15°C, kg /m <sup>3</sup>	ASTM D4052	0.8846	0.9126	0.9127
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	32	46	68
@100°C, cSt	ASTM D7042	6.4	8.3	11.5
Viscosity Index	ASTM D2270	175	182	161
Pour Point, °C	ASTM D97	-3	0	0
Flash Point, °C	ASTM D92	223	218	190
Biodegradation	ISO 14593	> 60% in 28 days	> 60% in 28 days	> 60% in 28 days
Toxicity Test	ISO 6341	Pass	Pass	Pass