

BIO VG HYDRAULIC OIL

ISO 46, 68



Product Description

BIO VG HYDRAULIC OIL are formulated from triglyceride base and additives gives it excellent lubricant properties equivalent to conventional lubricants. They meet ISO 15380 (HETG) requirements for environmentally acceptable lubricants. They are designed to give maximum protection in hydraulic equipment used in environmentally sensitive areas.

BIO VG HYDRAULIC OIL are readily biodegradable, nonbioaccumulative, and less toxic thus minimizing the impact to the environment in the event of accidental spillage.

Application	BIO VG HYDRAULIC OIL is a perfect choice in any application where possible oil leakage may lead to undesirable, negative environmental impact.
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Benefit	<ul style="list-style-type: none">• Excellent anti-wear protection• Excellent corrosion protection• Good antifoam characteristics• Excellent rust protection• High thermal stability• High oxidation stability• Biodegradable and non-toxic
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Specifications

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

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Typical Properties

Test	Method	Typical Result	
ISO Viscosity Grade	ISO 3448	46	68
Density @ 15°C, kg m-3	ASTM D4052	0.9126	0.9127
Kinematic Viscosity @ 40°C, cSt @100°C, cSt	ASTM D7042	46	68
	ASTM D7042	8.3	11.5
Viscosity Index	ASTM D2270	182	161
Pour Point, °C, Min	ASTM D97	0	0
Flash Point, °C, Min	ASTM D92	218	190
Water content, ppm	ASTM D6304	188	155
Color	ASTM D1500	Clear and bright	Clear and bright
Acid Number, mgKOHg-1	ASTM D664	0.24	0.24
Biodegradation	ISO 14593	> 60% in 28days	> 60% in 28days
Toxicity Test	ISO 6341	Pass	Pass