

GRANTT FOOD GRADE BIO HYDRAULIC OIL

VG 46



Product Description

GRANTT FOOD GRADE BIO HYDRAULIC OIL VG 46 is formulated from triglyceride base and additives to deliver excellent anti-wear performance. It is specifically designed to provide optimal protection for food processing and pharmaceutical equipment.

GRANTT FOOD GRADE BIO HYDRAULIC OIL VG 46 is Halal certified and has also received NSF (Class H1) certification, making it suitable for use in areas where there may be incidental food contact. This product is readily biodegradable, does not accumulate in the environment, and is non-toxic, reducing its impact on the environment in case of accidental spillage.

Application	GRANTT FOOD GRADE BIO HYDRAULIC OIL VG 46 is recommended to use in Pump, piston and gear hydraulic system in food processing facilities where incidental food contact may occur.
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Benefits	<ul style="list-style-type: none">• Excellent anti-wear protection• Excellent corrosion protection• Excellent rust protection• Safe when incidental contact with food• Biodegradable and non-toxic
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Specifications

- Halal
- NSF H1
- NSF ISO 21469
- ISO 15380: HETG (triglyceride)
- OECD 301B and OECD 201C
- DIN 51524-Part 2
- ASTM D943

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Typical Properties

Test	Method	Typical Result
ISO Viscosity Grade	ISO 3448	46
Density @ 15°C, kg m-3	ASTM D4052	0.8608
Kinematic Viscosity @ 40°C, cSt	ASTM D7042	46
@100°C, cSt	ASTM D7042	8.48
Viscosity Index	ASTM D2270	162
Pour Point, °C, Min	ASTM D97	-3
Flash Point, °C, Min	ASTM D92	298
Water content, ppm	ASTM D6304	80
Color	ASTM D1500	Clear and bright
Acid Number, mgKOHg-1	ASTM D664	0.84
Biodegradation	ISO 14593	> 60% in 28days
Toxicity Test	ISO 6341	Pass