

GRANTT BIODEGRADABLE HYDRAULIC OIL

BIO VG 46, 68



PRODUCT DESCRIPTION

GRANTT BIODEGRADABLE 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.

GRANTT BIODEGRADABLE HYDRAULIC OIL are readily biodegradable, nonbioaccumulative, and non-toxic thus minimizing the impact to the environment in the event of accidental spillage.

APPLICATION

GRANTT BIODEGRADABLE HYDRAULIC OIL is a perfect choice in any application where possible oil leakage may lead to undesirable, negative environmental impact.

BENEFITS

GRANTT BIODEGRADABLE HYDRAULIC OIL offer value through the following benefits

- Excellent anti-wear protection
- Excellent corrosion protection
- Excellent antifoam characteristics
- Excellent rust protection
- High thermal stability
- High oxidation stability
- Biodegradable and non-toxic

PERFORMANCE STANDARDS

GRANTT BIODEGRADABLE HYDRAULIC OIL meets the requirements of

- ISO 15380: HETG (triglyceride)
- ISO 20763
- OECD 301
- ASTM D943
- ISO 6072 (Compatible with HNBR and FKM)



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TYPICAL TECHNICAL PROPERTIES

TEST	Method	Typical result	
ISO viscosity grade		46	68
Kinematic and Dynamic Viscosity @ 40°C @ 100 °C	D7042	46	68
	D7042	8.3	11.46
Water content, ppm	D6304	188	155
Viscosity Index	D2270	182	161
Pour Point,	D97	0	0
Flash Point	D92	250	300
Color	D1500	Clear and bright	Clear and bright
Acid Number, mg KOH g-1	D664	0.24	0.24
Density @ 15 °C, kg m-3	D4052	0.9126	0.9127
Biodegradation	OECD 301	> 60% in 28days	> 60% in 28days
Toxicity Test	ISO 6341	Pass	Pass