

TERBIN

ISO VG 32, 46, 68, 100, 150, 220, 320

Product Description

High performance industrial turbine oils offering high performance in water separability, low foaming formation, wear protection to maintain turbine efficiency.

Benefits

- Extra oxidative and thermal resistance to extend oil drain periods.
- Extra wear and corrosion protection.

Applications

- Recommended for water turbines.
- Suitable for various applications e.g. hydraulic control systems, vacuum pump, and general transmission systems where rust and oxidation prevention is required.

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Typical Characteristics

Tests	Methods	Units	Results						
			32	46	68	100	150	220	320
Kinematic Viscosity at 40 °C	ASTM D 445	mm ² /s	33.20	47.10	68.98	97.55	151.5	222	321.4
Viscosity Index	ASTM D 2270		112	104	103	96	96	95	95
Flash Point (COC)	ASTM D 92	°C	235	244	250	264	272	278	284
Pour Point	ASTM D 97	°C	-18	-9	-9	-9	-9	-9	-9
Total Acid Number	ASTM D 664	mgKOH/g	0.14	0.15	0.15	0.15	0.15	0.15	0.15
Rust Prevention	ASTM D 665		Pass	Pass	Pass	Pass	Pass	Pass	Pass
Oxidation Stability	ASTM D 943								
Time to 2.0 TAN		hr	>2,000	>2,000	>2,000	>2,000	>2,000	>2,000	>2,000

Performance Standards

- DIN 51515 Part 1 (L-TD)
- DIN 51524 Part 1 (HL)
- General Electric GEK 32568 E
- BS 489 (CIGRE)

Health and Safety

This product shows no significant health or safety hazard when used under the recommended applications and suitable handling.

Avoid the direct contact. Wash immediately after contact. Health and safety information is available on the Safety Data Sheet (SDS) which can be obtained from <http://pttlubricants.pttplc.com>

PTT LUBE SOLUTIONS Professional Lubricant Service Partner



The product can cause some skin irritation and has flash point higher than 93.4°C

Note: Data and information contained in this publication are based on standard test under laboratory conditions and/or performance test. To consider the use of PTT Lubricants' products in particular application, customer is responsible for determining whether product and information are appropriate for customer conditions or should consult with PTT Lubricants' technical service division. The procedure of using any lubricant may differ or change depended on different machines and their manuals. Therefore, we recommend to read, understand and review the latest SDS in order to ensure the use of product is accomplished safety.

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