

HYDRAULIC

ISO VG 32, 37, 46, 68, 100

Product Description

Premium hydraulic fluids produced from high quality hydrocarbon basestocks and additive packages containing efficient anti-wear properties. HYDRAULIC offers a high level of wear protection and deposit formation.

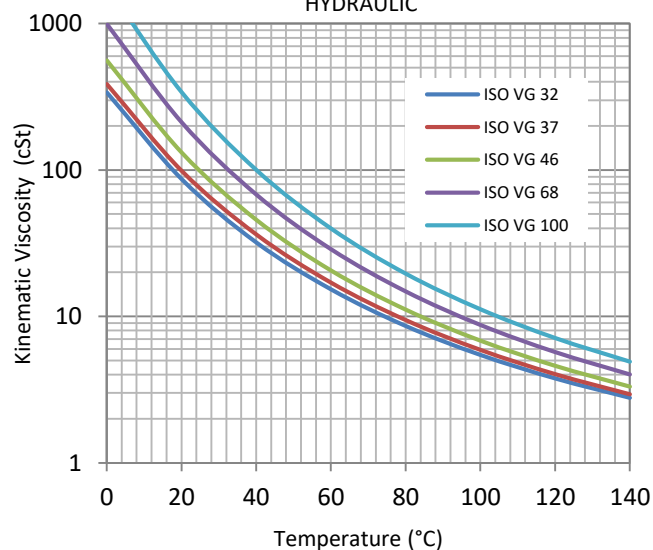
Benefits

- Enhanced wear and corrosion protection helps extend component life, enable better long oil and filter life.
- Enhanced thermal and oxidation stability helps reduce deposit and provide better system cleanliness resulting in cost and maintenance downtime reduction.

Applications

- Suitable for use in power and control transmission systems.
- Applicable for used in both industrial and automotive hydraulic systems.

KVT Diagram
HYDRAULIC



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Typical Characteristics

Tests	Methods	Units	Results					
			32	37	46	68	100	
Kinematic Viscosity at 40 °C	ASTM D445	mm ² /s	32.23	37.65	46.55	68.45	99.89	
Kinematic Viscosity at 100 °C	ASTM D445	mm ² /s	5.61	6.24	7.00	8.77	11.12	
Viscosity Index	ASTM D2270		112	114	108	101	98	
Density at 15 °C	ASTM D4052	g/cm ³	0.8704	0.8742	0.8771	0.8832	0.8890	
Flash Point (COC)	ASTM D92	°C	232	234	245	255	279	
Pour Point	ASTM D97	°C	-12	-12	-9	-9	-6	
Copper Strip Corrosion	ASTM D130		1a	1a	1a	1a	1a	
Foaming	Seq. I	ASTM D892	mL/mL	0/0	0/0	0/0	0/0	0/0
	Seq. II	ASTM D892	mL/mL	10/0	10/0	0/0	0/0	0/0
	Seq. III	ASTM D892	mL/mL	0/0	0/0	0/0	0/0	0/0

Performance Standards

- Denison HF-0, HF-1, HF-2
- Eaton Vickers M-2950-S, I-286-S
- DIN 51524 Part 2 HLP Type
- ASTM D6158 HM
- FIVE CINCINNATI
- ISO 11158 Category HM

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.pttor.com>



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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