LUBRICANTS
TECHNOLOGY
GERMANY

TECHNICAL DATA SHEET

GT Vesta Hydraulic Oil AWS

Anti-wear hydraulic oil

DESCRIPTION

GT Vesta Hydraulic Oil AWS is a hydraulic oil in the HLP group, formulated from group II mineral base oil and enhanced with anti-wear, anti-oxidation, anti-rust, and fast water separation additives. The product has high thermal and chemical stability, protecting the hydraulic system to operate durably in harsh conditions.

APPLICATION PRODUCTS

GT Vesta Hydraulic Oil AWS is used for industrial and mobile hydraulic systems such as:
Used for circulating hydraulic systems, piston pumps, valves, gears operating under light - medium load conditions, not requiring strong anti-wear.

OUTSTANDING FEATURES

- Outstanding anti-wear properties extend the life of hydraulic pumps and valves.
- High oxidation stability, minimizes deposit formation and extends oil change intervals.
- Effective anti-rust and anti-corrosion properties.
- Fast water separation, good anti-foam properties, ensuring smooth and stable transmission.
- Good filtration properties, maintaining the cleanliness of the hydraulic system.

TECHNICAL STANDARDS

The product meets and exceeds the following standards:
- DIN 51524 Part I & II (HL, HM)
- ISO 11158 HL, HM
- Denison HF-0/HF-1/HF-2
- Vickers I-286-S, M-2950-S5.



AN PHU DUC TRADING AND SERVICE COMPANY LIMITED
109 Nguyen Ba Tong, Bay Hien Ward, Ho Chi Minh City, Vietnam.
Tel: (+ 84-28) 39712961 ▪ Fax: (+84 28) 39714704 ▪ Email: GT-66@daunhonapd.com.

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TYPICAL SPECIFICATIONS

Target name	Test method	Unit	GT Vesta Hydraulic Oil AWS		
ISO viscosity classification	-	-	**ISO VG 32**	**ISO VG 46**	**ISO VG 68**
Density at 15ºC	ASTM D4052	kg/m³	850	860	865
Kinematic viscosity at 40ºC	ASTM D445	mm/²s	29.8-35.2	41.4-50.6	61.2-74.8
Viscosity index	ASTM D2270	-	Min 105	Min 105	Min 105
Pour point	ASTM D97	ºC	-16	-16	-16
Open cup flash point	ASTM D92	ºC	232	232	238
Foaming Sequence @93.5ºC	ASTM D892	ml/ml	20/0	20/0	20/0
Zn content	ASTM D4628	%m	0,025	0,025	0,025

The above figures are typical with normal acceptable errors in production and are not specifications.

STORAGE & SAFETY

- Store in a dry place, away from direct sunlight.
- Close the lid after use to avoid dust and water contamination.
- Avoid prolonged direct contact with skin.
- Dispose of in accordance with environmental protection regulations.

PACKAGING SPECIFICATIONS

200L Barrel, 18L bucket.

BRAND INFORMATION

GT-66 – Reliable lubrication solution for all industrial equipment.

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