LUBRICANTS
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TECHNICAL DATA SHEET

GT Vesta Hydraulic Oil AW

Anti-wear hydraulic oil

DESCRIPTION

GT Vesta Hydraulic Oil AW is a refined mineral base oil, formulated with anti-wear (AW), anti-oxidation, anti-rust and anti-foam additives. Helps lubricate effectively, protect pumps, valves and parts in industrial hydraulic systems.

PRODUCT APPLICATION

For industrial hydraulic systems, presses, machine tools, forklifts, hydraulic control and transmission systems.
Suitable for equipment operating in hot and humid environments, requiring good lubrication and anti-wear properties.
Suitable for use in systems with vane pumps, gear pumps or piston pumps.

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 or exceeds the following standards:

- DIN 51524 Part II (HLP)
- ISO 11158 (HM)
- Denison HF-0, HF-1, HF-2
- Vickers I-286-S, M-2950-S



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TYPICAL SPECIFICATIONS

Target name	Test method	Unit	GT Vesta Hydraulic Oil AW		
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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