



PRODUCT DATA SHEET

ATLANTIC HYDRA VANCE HYDRAULIC FLUID

Product Description:

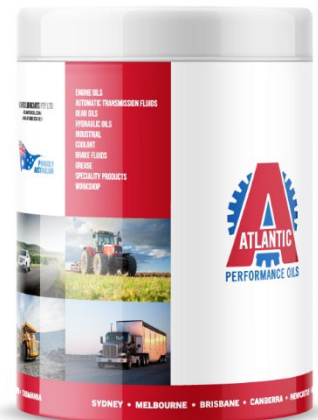
The Atlantic Hydra Vance range of high performance hydraulic fluids have been designed to meet the most demanding requirements of today's modern high pressure industrial and mobile equipment hydraulic systems. They have been made with a state of the art formulation and exceeds the performance requirements of most major mainstream hydraulic equipment manufacturers and industry specifications.

The Atlantic Hydra Vance range exhibits outstanding protection against wear, rust, corrosion and provides superior sludge and particle control necessary to protect all hydraulic components even in the presence of moisture. Atlantic Hydra Vance provides improved protection of critical components with tight tolerances, such as servo valves and pumps. In addition, this premium zinc based product can provide improved efficiency over the length of the oil drain which will enhance productivity and reduce machine downtime.

Atlantic Hydra Vance series of hydraulic fluids can offer up to 3 times the service life when compared to conventional hydraulic fluids.

Features and Benefits:

- Extended drain intervals
- Prolonged fluid life
- Reduces down time
- Enhances productivity
- Simplifies logistics through scalable performance
- Performs in arduous conditions where water is present
- Excellent oxidation & hydrolytic stability
- Superior sludge and particle control
- Outstanding air release properties
- Excellent oil seal compatibility
- Suitable for use in CAT machinery utilizing extended service intervals in non-transmission applications
- Can provide improved efficiency over the length of the oil drain



Specifications/ Performance Levels:

ISO: 46/ 68

Bosch Rexroth: RDE 90235

Eaton: E-FDGN-TB002-E

Fives Cincinnati: P69, P70

GM: LS2

JCMAS P041 HK

SAE: MS 1004 (HM)

US Steel 127

ASTM: D6158 (HM)

DIN: 51524-2 (L-HM)

Eaton: M-2950-S

GB 11118.1-2011 (L-HM)

ISO: 11158 (HM)

Parker (formerly Denison): HF-0, HF-1, HF-2

US Steel 126

Vickers: I-286-S

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PACK SIZE	46 PRODUCT CODE	68 PRODUCT CODE
20 Litre	HYV46002	HYV68002
205 Litre	HYV46004	HYV68004
1000 Litre	HYV46005	HYV68005

Typical Data:

Test Description	Method	Units	Results	Results
ISO Viscosity Grade	-	-	46	68
Density @ 15°C	ASTM D 4052	kg/L	0.863	0.868
Viscosity, Kinematic @ 40°C	ASTM D 445	cSt	46.09	68.72
Viscosity, Kinematic @100°C	ASTM D 445	cSt	7.08	8.53
Viscosity Index	ASTM D 2270	-	112	107
Flash Point	ASTM D 92	°C	228	239
Zinc	ASTM D 4951	%wt.	0.085	0.085
Air Release at 50°C	IP313	Min. Sec.	4'00"	5'42"
Rust	ASTM D 665B	-	Pass	Pass
FZG A/8.3/90, pass load stage	DIN 51354-2	-	12	11
Foam Test	ASTM D 892			
Sequence I		ml	0	0
Sequence II		ml	0	0
Sequence III		ml	0	0
1000h TOST TAN	ASTM D 4310			
TAN increase		mg KOG/g oil	0.36	0.36
Sludge weight		mg	53.9	96.9
Copper Weight		mg	70.9	79.9
Copper Strip Corrosion, 3hrs @100 °C	ASTM D 130	-	1B	1B



All recommendations for the use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility, therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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7 November 2023

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