



PRODUCT DATA SHEET

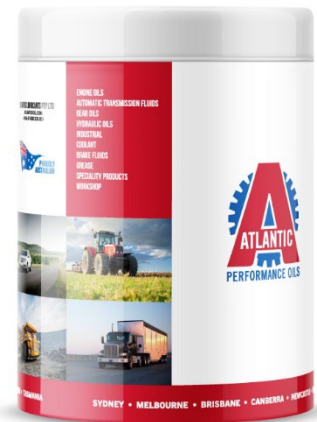
FULL SYNTHETIC BIO DEGRADABLE HYDRAULIC FLUID

Product Description:

Atlantic Full Synthetic Biodegradable Hydraulic Fluids (HVI HEES) are high performance, easily biodegradable polyol ester based fluids with a special environmentally friendly additive package, which provides excellent oxidation stability, corrosion and wear protection and extended oil-drain intervals. Because of the speedy biodegradability, these environmentally compatible fluids are recommended for use in all equipment where there is a risk of contamination to the environment and particularly for plant and machinery working in ecologically sensitive areas.

Features and Benefits:

- Rapidly Biodegradable in water and / or soil almost without any residues.
- The low pourpoint and the high viscosity index means excellent performance is achieved over a wide temperature range as a multigrade hydraulic fluid.
- Full Synthetic with a High Viscosity Index
- Outstanding oxidation stability assures trouble-free operation at extended oil-drain intervals.



Typical Data:

Test Description	Method	Units	Results	Results
ISO Viscosity Grade	-	-	46	68
Density @ 15°C	DIN 51 757	kg /m ³	924	934
Viscosity, Kinematic @ 40°C	DIN 51 562	mm ² / s	46	68
Viscosity, Kinematic @100°C	DIN 51 562	mm ² / s	9.3	12.6
Viscosity Index	DIN ISO 2909	mm ² / s	191	188
Pour Point	DIN ISO 3016	mm ² / s	-39	-33
Flash Point	DIN ISO 2592	°C	285	300
Biodegradability	CEC-L-33-A-93	%	>90	>90
Appearance	Visual	-	Brown	

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PACK SIZE	ISO 46 PRODUCT CODE	ISO 68 PRODUCT CODE
20 Litre	HYB00462	HYB00682
205 Litre	HYB00464	HYB00684
1000 Litre	HYB00465	HYB00685



Applications:

- Transport
- Agriculture
- Construction
- Earthmoving
- Mining
- Industrial

Note:

Atlantic Full Synthetic Biodegradable Hydraulic Fluids do not affect commercial varnishes. Although they are miscible with mineral oils, mixing of oils should be avoided because of the loss of biodegradability. Before use in hydraulic devices, the equipment manufacturer's recommendations should be followed, or the changeover guidelines according to VDMA-sheet 24 569.



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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