

TECHNICAL DATA SHEET

0897 610 004

Container sizes: 60 litres

Triathlon hydraulic oil HLP 10

Description:

High-performance hydraulic oil compatible with all commercially available sealing compounds as well as steel, non-ferrous metals and light metal rims. Offers optimum protection against wear under heavy loads.

Properties:

- Highly resistant to ageing
- Good corrosion protection
- Maximum thermal stability
- High level of protection against wear

Specifications and approvals:

Meets all the important specifications from vehicle manufacturers (see Würth Online Shop).

Technical data:

ISO viscosity class	DIN 51519	VG 10
Density at 15°C	DIN 51757	0.845 g/cm ³
Viscosity at 40°C	ASTM D 7042-04	10.0 mm ² /s
Viscosity at 100°C	ASTM D 7042-04	2.7 mm ² /s
Viscosity index	DIN ISO 2909	180
Pour point	DIN ISO 3016	-33°C
Flash point	DIN ISO 2592	168°C
Demulsifying properties at 54°C	SIN ISO 6614	<10 min
Air separation properties	DIN ISO 9120	2 min
Foaming properties at 24°C	ISO 6247	30/0 ml

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Foaming properties at 93.5°C	ISO 6247	50/0 ml
Foaming properties at 24°C post 93.5°C	ISO 6247	30/0 ml
Neutralisation number	DIN 51558 part 1	0.5 mg KOH/ g
Oxidised ash	DIN EN ISO 6245	0.16 g/ 100g
Corrosive effect on steel	DIN ISO 7120	0-B
Corrosive effect on copper	DIN EN ISO 2160	1- 125 A3
Vehicle gear wheel short test, standard test A/8, 3/90	DIN 51354	–
Performance in relation to nitrile rubber (NBR) seals	DIN 53538 part 1	–
Biodegradability after 21 days	CEC L-33-T-82	–

Application:

Especially well-suited for hydraulic systems with hydrostatic drives, hydraulic construction machines, excavators, elevators, industrial machines and machine tools, lifting platforms and presses.

Application:

Observe the manufacturer guidelines for the vehicle, transmission and assembly. Only fully effective when used unmixed.

We provide this advice based on our own tests and experience and to the best of our knowledge. We assume no liability for the application results in individual cases, however, due to the large number of applications and the storage and application conditions that lie outside the scope of our influence.

This also applies to the use of the non-binding technical and commercial customer services provided by us. We always recommend that you conduct your own tests. We guarantee the consistent quality of our products. We reserve the right to make technical changes and to further develop our products.