

TECHNICAL DATA SHEET

0897 622 004 / 0897 622 005

Container sizes: 60 litres/208 litres

Triathlon hydraulic oil HLP 22

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:

- Oxidation-stable
- Maximum thermal stability
- High load-bearing capacity
- Good corrosion protection
- High level of protection against wear
- Prevents sludge formation
- Lubrication film stability
- Does not react to common sealing materials
- Optimum ageing stability

Specifications and approvals:

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

Technical data:

ISO viscosity class	DIN 51519	VG 22
Density at 15°C	DIN 51757	0.860 g/cm ³
Viscosity at 40°C	ASTM D 7042-04	22.0 mm ² /s
Viscosity at 100°C	ASTM D 7042-04	4.4 mm ² /s
Viscosity index	DIN ISO 2909	109

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Pour point	DIN ISO 3016	- 36°C
Flash point	DIN ISO 2592	210°C
Demulsifying properties at 54°C	SIN ISO 6614	≤ 20 min
Air separation properties	DIN ISO 9120	≤ 5 min
Foaming properties at 24°C	ISO 6247	30/0 ml
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	10
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.

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