



## RAVENOL Hydrauliköl TS AF 46



ART.-NR. 1323125

20L | 1323125-020

**SPECIFICATIONS** DIN 51 524, PART 2 |SEB 181.222, 181.226  
|VICKERS-PUMPENTEST |TIMKEN-TEST NACH DIN E 51434 |MAN N 698  
|FZG-TEST A 8,3/90: 12. LASTSTUFE

**RECOMMENDATIONS** SEB 181 222 | SEB 181.226 |  
VICKERS-PUMPENTEST FZG-TEST A 8 3/90: DIE 12. LASTSTUFE WIRD  
SICHER ERREICHT | TIMKEN-TEST NACH DIN E 51434 | MAN N 698

**RAVENOL Hydrauliköl TS AF 46** is a zinc and ash-free compounded oil based phosphorous and sulfur intended especially for use in the metal industry. Excellent results were achieved in the Timken test. Through the addition of selected ingredients, **RAVENOL Hydrauliköl TS AF 46** has excellent wear protection, good oxidation stability and has a long service life even under extreme conditions. Compatibility with sealants is neutral. Furthermore, the additives provide corrosion protection and prevent foaming. **RAVENOL Hydrauliköl TS AF 46** exceeds the requirements of DIN 51 524 part 2 for HLP hydraulic oils.

## Application Notes

**RAVENOL Hydrauliköl TS AF 46** is for use as a hydraulic fluid in the metal industry, if zinc and ash-free hydraulic oil and the specification DIN 51 524, Part 2 is required.

## Characteristics

**RAVENOL Hydrauliköl TS AF 46** offers:

- High performance level
- Good oxidation stability
- High resistance to ageing
- Outstanding wear protection
- High level of corrosion protection
- Neutral to sealants
- No foaming



Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	875	EN ISO 12185
Colour		gelbbraun	visual
Viscosity at 100°C	mm <sup>2</sup> /s	7,0	DIN 51 562
Viscosity at 40°C	mm <sup>2</sup> /s	45,3	DIN 51 562
Viscosity index VI		112	DIN ISO 2909
Flash point (COC)	°C	232	DIN ISO 2592
Pourpoint	°C	-25	DIN ISO 3016

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

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