



## Product certificate

**ADRIFÖL Hydraulic HVLP AF 46**

**0002-000229**

### Description

ADRIFÖL Hydraulic HVLP AF 46 is a ash and zinc-free multigrade hydraulic oil. ADRIFÖL Hydraulic HVLP AF 46 offers effective additives for high wear protection even under extreme loads. ADRIFÖL Hydraulic HVLP AF 46 is characterized by good viscosity-temperature behavior and reliable corrosion protection.

### Instructions for use

ADRIFÖL Hydraulic HVLP AF 46 can be used primarily in hydraulic systems with heavily fluctuating operating temperatures.

ADRIFÖL Hydraulic HVLP AF 46 is ideal for heavy-loaded hydraulic systems, earth-moving machines and agricultural machinery. It is favoured at heavily fluctuating operating temperatures and may not be used in hydraulic systems which contain silver or silver-plated construction and operating elements.

### Quality classification

#### Specification

- DIN 51524 Part 3

**ADRIFÖL Hydraulic HVLP AF 46 is tried and tested in practice in aggregates requiring adherence to manufacturer's fluid specifications:**

- CETOP RP 91H-HV
- General Motors LH-04-1
- General Motors LH-06-1
- General Motors LH-15-1
- ISO 6743/4-HV
- Sperry Vickers 1-286-S
- AFNOR 48 603 HV
- DENISON HF-1, HF-0, HF-2
- Sperry Vickers M-2950-S
- US Steel 127
- US Steel 136

### Properties

- reliable protection against corrosion
- excellent wear protection
- a stable viscosity index
- very good oxidation stability
- prevention of foam formation thanks to good air and water separation capacity
- very low pour point
- neutral towards sealing agents
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### Technical specifications

Properties	Data	Unit	Testing under
kinematic viscosity at 40°C	45,400	MM <sup>2</sup> /S	DIN ISO 51562-2
kinematic viscosity at 100°C	8,500	MM <sup>2</sup> /S	DIN ISO 51562-2
viscosity index	165		DIN ISO 2909
appearance	YELLOW		visually
density at 15°C	856,0	KG/M <sup>3</sup>	DIN EN ISO 12185
Pour Point	-48	°C	ASTM D 7346

All declared values are approximate and subject to standard production variations.

To the best of our knowledge all information reflects the current state of findings and our development. Subject to change. Any reference to DIN standards are solely for product description purposes and do not represent a guarantee. If problems arise, please consult a technician.

