



# TECHNICAL DATA SHEET

## HYDRAULIC 46

Product Type	46 MINERAL HYDRAULIC FLUID
Product Code	N413

### Description

Hydraulic fluid formulated from high quality mineral base oils with good oxidation resistance and thermal stability in a wide range of applications.

### Benefits

- Incorporates inhibitors for protection against all forms of corrosion
- Good anti-foaming and air release properties
- Good demulsification characteristics
- Excellent anti-wear performance
- High oxidation resistance and thermal stability
- Suitable for the majority of hose materials

### Specifications

Always check the owner's manual for the correct oil specification to use.

- DIN 51524 part 2
- ISO 6743/4 (HM)
- Afnor NF E 48-600
- Denison HF-2, I-286-S
- SEB 181.222
- Sperry Vickers M-2950-S
- TP-02100 Filterability Test
- Thyssen TH N-256132
- US Steel 127
- VDMA 24318



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### Typical Properties

Viscosity Grade	ISO VG	-	46
Viscosity @ 100°C	ASTM D-445	mm <sup>2</sup> /s	6,7
Viscosity @ 40°C	ASTM D-445	mm <sup>2</sup> /s	46,0
Viscosity Index	ASTM D-2270	-	97
TAN	ASTM D-664	-	0,80
Pour point	ASTM D-5950	°C	-30
Specific gravity	ASTM D-4052	-	0,878
Flash point	ASTM D-92	°C	227

### Health and Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained.

A safety data sheet is available on request.

### Disposal

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.



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