



Hydraulic fluid

# ELFOLNA DS

# 32-46-68

High performance hydraulic oils.

## APPLICATIONS

- Hydraulic circuits
  - Jacks
  - Moving parts
- All hydraulic systems operating under conditions of:
    - high pressure,
    - high temperature.
  - Moving parts in very severe conditions
    - journals at high temperature,
    - precision machinery.
  - All machinery not requiring an "extreme-pressure" oil.

## PERFORMANCE

- Category HM
- AFNOR NF E 48-603 HM
  - ISO 6743/4 HM
  - DIN 51524 P2 HLP
  - CINCINNATI MILACRON P68, P69, P70
  - DENISON HF0-HF2
  - VICKERS M-2950S, -I-286

## CLIENT ADVANTAGES

- Long life of components  
High reliability
- Very good protection against wear.
  - Excellent thermal stability with outstanding oxidation resistance.
  - Excellent protection against corrosion, rust and foaming (without silicone).
  - No air retention and excellent de-emulsification properties.
  - Very good stability to hydrolysis and very good filtrability with or without water.
  - Perfectly inert to seals.

CHARACTERISTICS	METHODS	UNITS	ELFOLNA DS		
			32	46	68
Density at 15°C	ISO 3675	kg/m <sup>3</sup>	870	877	884
Viscosity at 40°C	ISO 3104	mm <sup>2</sup> /s	32	46	68
Viscosity at 100°C	ISO 3104	mm <sup>2</sup> /s	5.4	6.8	8.7
Viscosity number	ISO 2909	-	102	100	100
Cleveland flash point	ISO 2592	°C	210	230	240
Pour point	ISO 3016	°C	-27	-24	-21

The characteristics in this table are typical values given as an illustration.

This lubricant when used according to our recommendations and for the purpose for which it is intended presents no particular hazard.

A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.

January 2002

ELFOLNA DS

