



### DESCRIPTION:

Hydra-Fluid FR 40 is an environmentally safe, water-glycol based, fire resistant hydraulic fluid. It is recommended for use in hydraulic systems where a fire risk may be prevalent.

### APPLICATION:

Hydra-Fluid FR 40 is based on a water-glycol based solution which offers superior corrosion protection. It is a chemically stable, hydrocarbon free solution, free of any residual build-up. Compared to its mineral oil counterparts, Hydra-Fluid FR 40 has a sophisticated viscosity / temperature balance. With these enhanced specific heat and heat transfer characteristics, optimal operating temperatures sit between 30°C and 60°C. With the water content in the product it is recommended to keep your operating tank temperatures at a maximum of 65°C. Any significant temperature increases can result in product loss through vapour.

Hydra-Fluid FR 40 is compatible with most commercially available water-glycol based fire resistant hydraulic fluids. It is not compatible with the following: leather, polyurethane based materials, zinc, cadmium, lead, magnesium, and commonly used industrial paints.

### FEATURES AND ADVANTAGES:

- Tackiness additive prevents oil being thrown off
- Base oils selected to give ideal viscosity ensuring good flow characteristics.
- Extreme pressure additives minimize wear to cutterbar, chain, bearing and sprocket.
- Excellent film strength ensures ideal lubrication properties.

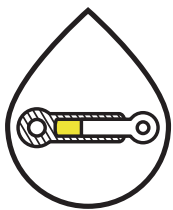
### PERFORMANCE LEVEL:

- HFC according to DIN 51502
- Vickers V104/105C

### PHYSICAL PROPERTIES:

VISCOSITY @ 40°C	45 cSt
FLASH POINT	NONE
POUR POINT	-48°C
DENSITY @ 20°C	1.070

### PRODUCT ICON:



#### DISCLAIMER AND GENERAL ADVICE

THESE CHARACTERISTICS ARE TYPICAL OF CURRENT PRODUCTION. WHILST FUTURE PRODUCTION WILL CONFORM TO DEOJAY PETROLEUM KZN (PTY) LTD SPECIFICATION, VARIATIONS IN THESE CHARACTERISTICS MAY OCCUR. ALL REASONABLE CARE HAS BEEN TAKEN TO ENSURE THAT THE INFORMATION CONTAINED IN THIS PUBLICATION IS ACCURATE AS AT THE TIME OF PRINTING, SOME INFORMATION IS NEVERTHELESS LIABLE TO VARIATION IN THE EVENT OF CHANGES TO ANY OF THE FOLLOWING OCCURRING SUBSEQUENT TO THE DATE OF PRINTING: THE BLEND FORMULATION, METHODS OF STORAGE, DUE TO THE IMPROPER HANDLING OR APPLICATION OF ANY OF THE PRODUCTS REFERRED TO, OR REQUIREMENTS OF ANY SPECIFICATION OR APPROVAL RELATING TO ANY OF THE PRODUCTS.

#### HEALTH AND SAFETY

GUIDANCE ON HEALTH AND SAFETY ARE AVAILABLE ON THE APPROPRIATE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM YOUR DEOJAY REPRESENTATIVE.

FOR MORE INFORMATION CONTACT:  
TECHNICAL ADVICE LINE (C. WRIGHT):  
CUSTOMER SERVICE:

DEOJAY PETROLEUM KZN (PTY) LTD  
(+27) 82 071 9560  
(+27) 31 569 1276

THE DEOJAY NAME AND DEOJAY LOGO ARE TRADEMARKS OF DEOJAY PETROLEUM KZN (PTY) LTD AND ARE USED UNDER LICENSE.