



PRODUCT DATA SHEET:

**HYDRAULIC OIL HV
32/46/68**

HYDRAULIC OIL HV 32/46/68 are premium quality anti wear hydraulic oils developed for use in high pressure hydraulic systems operating under varying temperatures where small viscosity changes with fluctuating temperatures are preferred.

HYDRAULIC OIL HV 32/46/68 oils are formulated with carefully selected base stocks fortified with additives and a very shear stable viscosity index improver to impart excellent protection towards wear, rust and oxidation.

The viscosity improver reduces the viscosity decrease with rising temperatures.

HYDRAULIC OIL HV 32/46/68 are formulated with field proven thermally stable, zinc based anti wear additives.

HYDRAULIC OIL HV 32/46/68 provide excellent water demulsibility as well as de-aeration.

The product effectively protects against rust and oxidation.

HYDRAULIC OIL HV 32/46/68 can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

TYPICAL PROPERTIES:				SPECIFICATIONS:
PRODUCT CODE	4358	4360	4362	Exceeds: DIN 51524/3HVLP ISO 11158 HV AFNOR NFE 48-603 HV Denison HF-0/HF-1/HF-2 Cincinnati P-70/P-69 Eaton (Vickers) M-2950-S/I-286-S Poclair, Hitachi
ISO VG	32	46	68	
DENSITY @ 15 °C	871 kg/m ³	875 kg/m ³	880 kg/m ³	
VISCOSITY @ 100 °C	6.5 mm ² /s	8.2 mm ² /s	11.0 mm ² /s	
FLASH POINT	>200°C	>200°C	>200°C	
POUR POINT	-36°C	-36°C	-36°C	