



# SHELL NATURELLE<sup>®</sup> HF-M

## Biodegradable anti-wear hydraulic fluid

### Product Description

Shell Naturelle<sup>®</sup> HF-M is a biodegradable anti-wear fluid developed for use in hydraulic power transmission systems working either in or out of doors. It is a mixture of synthetic ester and vegetable oil blended with wear, rust and oxidation inhibitors.

### Applications

- power transmission and hydraulic systems where the use of biodegradable fluids are preferred for environmental reasons
- operating temperature range -25°C to 70°C

### Features/Benefits

- excellent low temperature performance
- high degree of biodegradability
- excellent viscosity-temperature characteristics
- outstanding protection against corrosion
- good aging stability
- optimal anti-wear protection

### Typical Properties of Shell Naturelle<sup>®</sup> HF-M Hydraulic Fluid

	Test Method	ISO Viscosity Grade
		46
Product Code		65175
Density @ 15°C, kg/m <sup>3</sup>		0.920
Viscosity @ 40°C, cSt	D 445	42
Flash Point, °C	D 92	230
Pour Point, °C	D 97	-42
Biodegradability	OECD 301B <sup>1</sup>	>60

<sup>1</sup>The OECD 301B test measures ready biodegradability and the pass level is set at 60 per cent for complete mineralization.

### Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>