



# Shell Tellus

## High Performance Hydraulic Oil

Shell Tellus are premium quality, solvent refined, high viscosity index mineral oils which are generally acknowledged to be the 'standard setter' in the field of hydraulic and fluid power lubrication.

Shell Tellus are designed for use in all types of hydraulic systems and are ideal for marine applications such as the hydraulic systems used for accommodation ladders, hatch covers, deck cranes and lifeboat winches.

### Main Applications

All hydraulic and fluid power transmissions systems used in marine equipment including ballast valves, ladders, deck cranes and lifeboat davits

### Performance Specifications

- ISO Type HLP & HM
- DIN 51524-2

### Performance Benefits

- Exceptionally long oil life resulting in fewer oil changes
- Excellent filterability resulting in less equipment maintenance and downtime
- Maximum pump life resulting in less expense on new components
- Reduced pump cavitation resulting in better system performance
- Low stick-slip tendency resulting in smoother equipment operation

### Advice

Advice on applications not covered in this leaflet may be obtained from your Shell Representative.

### Typical Physical Characteristics

Tellus			22	32	46	68	100
ISO Viscosity			22	32	46	68	100
ISO Type			HM	HM	HM	HM,	HM
Kinematic Viscosity	0 C	IP 71	180	338	580	1040	1790
	40 C	IP 71	22	32	46	68	100
	100 C	IP 71	4.3	5.4	6.7	8.6	11.1
Viscosity Index		IP 226	100	99	98	97	96
Density	15 C	IP 365	0.866	0.875	0.879	0.886	0.891
Flash Point	Open	IP 34					
	Closed	IP 34	204	209	218	223	234
Pour Point		IP15	-30	-30	-30	-24	-24

These characteristics are typical of current production. Whilst future production will conform to Shell's specification variations in these characteristics may occur.

## **Health & Safety**

Shell Tellus are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained. Avoid contact with the skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. For further guidance on Product Health & Safety refer to the appropriate Shell Product Safety Data Sheet.