

# Fluids FAQ

## What type of hydraulic oil is used on HYDMECH machines?

Texaco Rando HD46 or equivalent or machines built with Parker or Bosch Rexroth Power Packs use Shell Tellus 22 or equivalent hydraulic oil. The fill level is marked as a black line on the temperature / level gauge.

## What type of gearbox oil is used and what amount is required?

See owners manual for gearbox number.

### **Renold gear boxes - Mobile SHC 632**

<i>Model</i>	<i>Amount (Liters)</i>
HM3	1.6
HM4	1.8
HM5	2.5

### **Lenze gearboxes - Shell Tivella WB220**

<i>Model</i>	<i>Amount (Liters)</i>
Size 8	1.8
Size 10	2.5
Size 12	5.5

**David Brown gear boxes** – Shell Omalla WA-150, Tivella WB-220 can be used in place of the WA-150.

<i>Model</i>	<i>Amount (Liters)</i>
287	1.8
1002	3.6

### **Canimex gear boxes – Mobile SHC-632**

<i>Model</i>	<i>Amount (Liters)</i>
HM3	1.7
HM4	3.0
HM5	4.5

### **Bonfiglioli gear motors – Mobile SHC630 synthetic oil**

<i>Model</i>	<i>Amount (Liters)</i>
A412	5 (H14A / V18 / V18APC)
A503	8.4 (H18A)
A503	11 (V25)
A603	15 (H22A / H28A / DCM)

### **Bonfiglioli gear motors – Shell Tivela S320 Synthetic oil**

<i>Model</i>	<i>Amount (Liters)</i>
A703	15 (H32A / H40 / H2642)
W110	1.5 (S23, S23A Series II & III)
W86	0.64 (S20, S20A Series II & III)

## What type of grease is used on all fittings?

Any good quality all purpose grease can be used, but we suggest that the shuttle bushing housing are greased with LPS Therma-Plex Hi-Load bearing grease.