



HPS C15 A5 HT400 LH

Serial-No.: 041140

Year of manufacture: 2004

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1. Technical data

1.1 Dimensions of the pump container

Soundproof container with the following dimensions:

-Length:	6050 mm
-Width:	2440 mm
-Height:	2590 mm
-Weight:	12500 kg

1.2 Engine performance data

Caterpillar:	C-15 BEM
	Performance: 421 BHP at 2100 rpm
Operating hours:	10750 h

1.3 Performance data gearbox

Allison Gearbox Series CLBT 5960-4 (refurbished)

Operating hours:	10750 h
Gear ratio:	1. Gear = 4,00:1
	2. Gear = 2,68:1
	3. Gear = 2,01:1
	4. Gear = 1,35:1
	5. Gear = 1,00:1

1.4 Performance data high pressure pump

High pressure pump:	HT400 LH (refurbished)
Operating hours:	1300 h
Drive flange:	Spicer series 1800
Input rotation direction:	clockwise looking at flange
Input speed:	max. 280 rpm
Gear ratio:	8,6:1
Oil lubrication:	Gear pump driven via PTO gearbox
Oil filter:	Replaceable filter elements and magnetic filter (HPS-oil-filter-system)

Oil quantity:	21,1 gal
Oil type:	Mobil SHC-634
Oil pressure:	80-100 psi
Weight dry:	5510 lbs



1.5 Performance data Fluid-End

Size:	3 3/8" – 6"
Plunger type:	Simple working, surface treated
Valve type:	Double guided valves made of special steel
High pressure seal:	Special packing
High pressure connection:	3" or 2" Weco 1502
Plunger oil system:	Plunger circulation lubrication with compensation
Spacer design:	L4
Pressure max.:	15000 psi (Continuous run)
Flow rate max.:	710 gpm

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