WEBM003900

SHOP MANUAL

PC35R-8
PC45R-8

HYDRAULIC EXCAVATOR

SERIAL NUMBER

PC35R-8 F20932 and up

PC45R-8 F21251 and up

DELUXE

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February 2002

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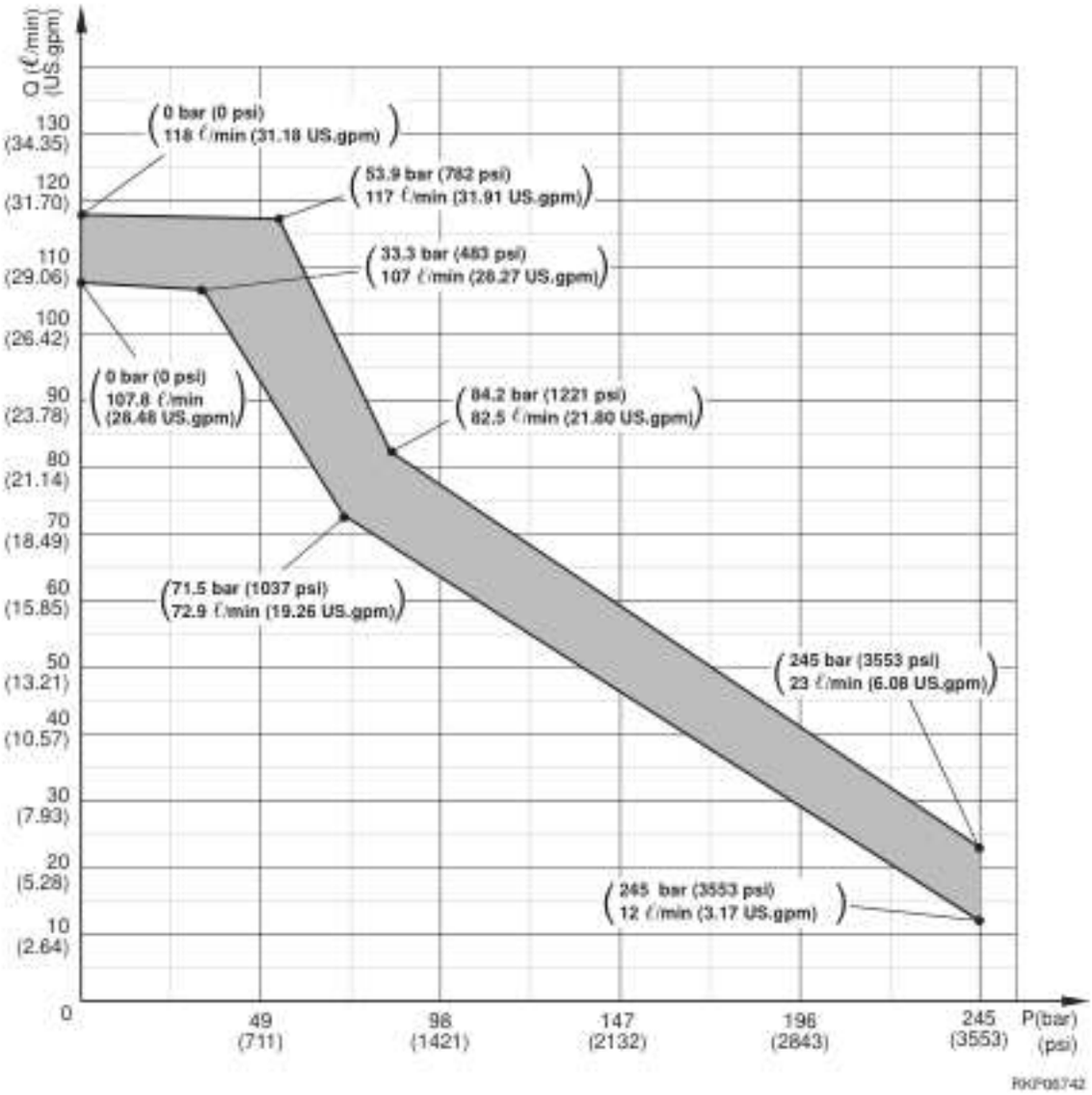
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Classification

- Delivery piston pump P1
- Pump speed: 2500 rpm
- Hydraulic oil temperature: 45 – 55°C (113 – 131°F)
- Gear pump P2: at max. pressure

Pump characteristics



★ When measuring deliveries with the pumps mounted on the machine, it is difficult to use the accelerator to count the precise number of revs needed for this test.
Make delivery measurements with the engine running at a speed close to the test speed and then make a proportional calculation.

Example:

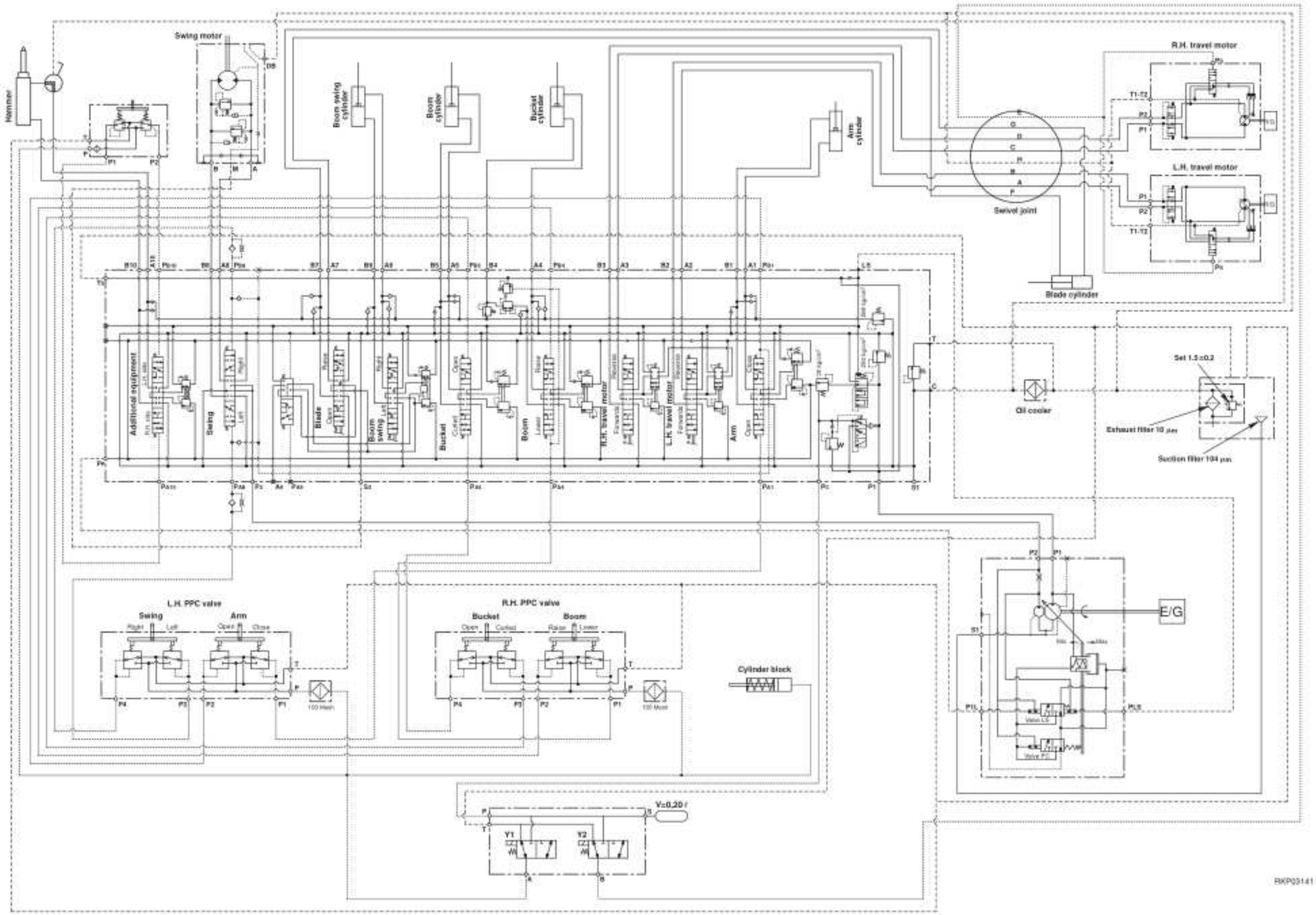
MEASUREMENT
- Engine speed: 2450 rpm
- Delivery: 42 ℓ/min (11.1 US.gpm)

PROPORTIONAL DELIVERY AT 2500 rpm
(42x2500)/2450 = 42.8 ℓ/min (11.3 US.gpm)

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HYDRAULIC CIRCUIT DIAGRAM

PC35R



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