

Hydraulic Test Program - Test

Test step	Test scope	Test connection	Test condition	Nominal value	Possible cause/Remedy
⇒ 1.0 ASD w/o pressure reservoir only	Pressure test	⊗ 250 bar at ring cylinder	Engine: at Idle	50 – 63 bar	Inspect hydraulic oil pump; SMS Job No. 32-0530, Hydraulic unit, Hydraulic oil pump.
⇒ 2.0 ASD with pressure reservoir only	Gas pressure in pressure reservoir	⊗ 250 bar at test connection (M) or pressure release screw (83c) on hydraulic unit	Engine: at Idle System depressurized.	Rapid pressure buildup up to 22 bar followed by slow buildup up to 33 bar.	If rapid pressure buildup stops at 10 bar, replace pressure reservoir.
⇒ 3.0 ASD with pressure reservoir only	Pressure test	⊗ 250 bar at test connection (M) or pressure release screw (83c) on hydraulic unit	Engine: at Idle	27 – 33 bar	Pressure < 27 bar: 3.2 32 ⇒ 1.0 Pressure > 38 bar: Replace hydraulic unit.