

4. MAINTENANCE

4.1 USE OF SERVICE PAKS

Service Paks include all genuine parts needed for normal maintenance of both compressor and engine.

Service Paks minimise downtime and keep your maintenance budget low.

Order Service Paks at your local Atlas Copco dealer.

4.2 PREVENTIVE MAINTENANCE SCHEDULE FOR THE COMPRESSOR

The schedule contains a summary of the maintenance instructions. Read the respective section before taking maintenance measures.

When servicing, replace all disengaged packings, e.g. gaskets, O-rings, washers.

For engine maintenance refer to Engine Operation Manual.

The maintenance schedule has to be seen as a guideline for units operating in a duty environment typical to compressor applications. Maintenance schedule can be adapted depending on application environment and quality of maintenance.

MAINTENANCE SCHEDULE	Daily	Initially	Normal	Yearly
		<i>or every 50 hours</i>	<i>or every 500 hours</i>	<i>or every 1000 hours</i>

Service pak		supplied with unit	2912 4199 02	2912 4275 06
Engine oil level	Check			
Compressor oil level	Check			
Air filter vacuator valves	Empty			
Fuel filter water drain	Drain			
Air intake vacuum indicators	Check			
Electrolyte level and terminals of battery		Check	Check	Check
Tyre pressure		Check	Check	Check
Leaks in air-, oil- or fuel system		Check	Check	Check
Oil cooler package			Clean	Clean
Engine minimum and maximum speeds		Check	Check	Check
Torque of wheel nuts		Check	Check	Check
Brake system (if installed)		Check/Adjust	Check/Adjust	Check/Adjust
Safety valve				Test
Door hinges			Grease	Grease
Coupling head and all its moving parts / shaft			Grease	Grease
Joints of height adjustment adjustable towbar		Check	Grease	Grease
Shutdown switches				Check
Pressure drop over separator element (2)			Measure	Replace
Fan V-belt (3)		Adjust	Adjust	Adjust
Fuel tank			Clean	Clean
Compressor oil				Change
Compressor oil filter		Replace		Replace
Air filter element (1)				Replace
Safety cartridge (1) (option)				Replace
Engine oil (3) (4) (6)		Change	Change	Change
Engine oil filter (3)		Replace	Replace	Replace
Fuel filter (3)		Replace		Replace
Engine inlet and outlet valves (3)				Adjust (5)

- (1) More frequently when operating in a dusty environment.
 (2) Replace the element when the pressure drop exceeds 0.8 bar.
 (3) Refer to the Deutz operation manual.
 (4) 500 hours only valid when using PAROIL SAE 15 W 40.

- (5) The valves need to be adjusted for the first time before 500 running hours. The rocker cover gasket is not included in the 500 hours kit. They are to be ordered separately: for 3 cyl.: PN 2194 8054 00
 (6) Also drain engine oil from engine oil cooler (see Fig. 2.2; DPec = Drain plug engine oil cooler)



Keep the bolts of the housing, the lifting eye, the towbar and the axle securely tightened. Refer to section 9 'Technical Specifications' and section 3.1.3 for the torque values.