

*AH Darren Mackie*

XAS 96

INSTRUCTION MANUAL

## 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	Remarks
		around 50 hours	or every 500 hours	or every 1000 hours	
<b>Service pak</b>		supplied with unit	2912 4199 02	2912 4275 06	
Engine oil level	Check				
Compressor oil level	Check				
Air filter vacuumator valve	Empty				
Fuel filter water drain	Drain				
Air intake vacuum indicator	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	
Towing eye shaft or ball coupling and its shaft			Grease	Grease	
Shut-down 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	
Engine oil (3) (4) (6)		Change	Change	Change	
Engine oil filter (3)		Replace	Replace	Replace	
Fuel filter (3)		Replace	Replace	Replace	
Engine inlet and outlet valves (3)				Adjust	first adjustment (5)
Inspection by Atlas Copco Service technician					

- (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 2914 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 'Technical specifications' for the torque values.