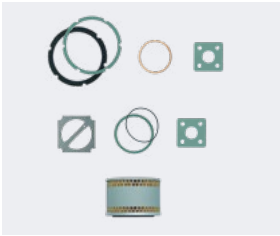


Maintenance for Sauer Mistral series – 2-stage air-cooled

//// Mistral WP 65 L Marine



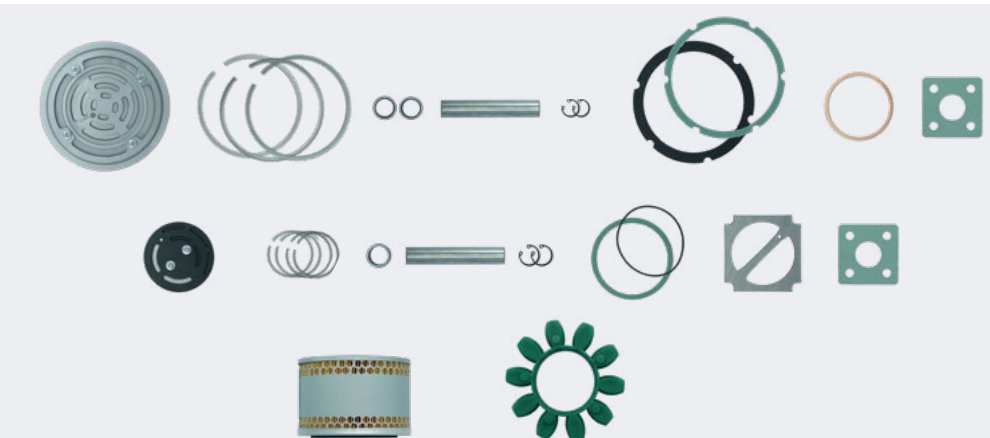
Replacement parts after:
1,000 h | **3000 h**



Replacement parts after:
2,000 h



Replacement parts after:
4,000 h



Sauer Easy Care: Sample Maintenance Schedule

Interval (Operating hours)	Interval				
	50 h after commissioning	1000 h after 1000 h of operation, maintenance or repair	1000 h after 1000 h of operation, at the latest	3000 h after 3000 h of operation, at the latest	4000 h after 4000 h of operation, at the latest
MAINTENANCE WORK					
Sauer Easy Care kit part number		089 146A	089 147A	089 146A	089 146A
Changing the air filter insert	✓	✓	✓	✓	✓
Changing the oil	✓	✓	✓	✓	✓
Checking 1st stage valve		✓	✓	✓	✓
Checking 2nd stage valve		✓	✓	✓	✓
Replacing 1st stage valve			✓	✓	✓
Replacing 2nd stage valve			✓	✓	✓
Replacing piston rings, gudgeon pins and piston gudgeon pin bearings of 1st stage			✓	✓	✓
Replacing piston rings, gudgeon pins and piston gudgeon pin bearings of 2nd stage				✓	✓
Replacing the flexible coupling element					✓
Checking the condensate separator					✓
Servicing the solenoid drain valves (order-related)					✓
Checking the safety valves					✓

Note: After the last interval of 4,000 h the maintenance schedule starts again with 1,000 h.

Do you know about our 'Sauer Easy Care' maintenance concept?

- Established in 2009 and already enthused by hundreds of Superintendents
- Potential for maintenance cost reduction up to 28% !
- Clear maintenance routine intervals mean less downtime, no crashes, no repairs
- No single parts order necessary, just one reference number per maintenance routine
- Reduced overhead in logistics
- No more general overhaul necessary - never
- Service time for "Sauer Easy Care" maintenance parts guaranteed, up to 4000 hrs
- Provide competitive and reliable operating costs per running hour

With Sauer Easy Care we guarantee a reduction of costs, overhead and downtime. Please read the following details below.

Sauer Easy Care is a preventive maintenance and has to be carried out after 1000h, 2000h, 3000h and 4000h. Then it starts from the beginning.

With the knowledge of the operating hours of the compressors you can guide the acquisition of the kits very easily. Compared to single orders you can save up to 25% for the kit. You just have one part number for each maintenance kit. This saves time on operating site and in the office and avoids wrong orders.

SAUER will guarantee the intervals for all "Sauer Easy Care"- parts (incl. the stage valves), if the kits are kept in continuous application. General overhauls on board of the vessels are not required anymore. Apart from the maintenance-kits all single items are still available.

Sauer Easy Care Maintenance should always follow the below rules:

- All parts of any kit should be used as long as the spare parts are "fresh". Otherwise the parts would suffer under vibration, temperature and humidity
- Never "save" any of the spares for one of the following maintenance routines! If the old parts break, a total damage of the compressor is possible.
- Concentric and lamellar valves should not be opened and repaired any longer! Used valves have to be disposed after they reached their planned running hours.

