

5.2) Preservation of an engine which has been in operation

Due to the special coating of the cylinder wall, the ROTAX aircraft engine normally needs no extra protection against corrosion.

■ **CAUTION:** Maximum storage period 12 months if the listed precautions are taken!

- Oil change see latest issue Maintenance Manual (Line Maintenance) for the respective engine type, 912 Series or 914 Series.
- On the ROTAX 912 Series: Run the engine to allow it to warm up, leave it running at increased idle speed, remove the air filters and inject approx. 30 cm³ of preservation oil into the carburetors, shut down the engine.
- On the ROTAX 914 Series: Remove the top spark plugs from all four cylinders and spray preservation oil into the cylinders through the spark plug bores.

Turn the crankshaft several times.

Fit spark plugs and spark plug connectors.

- Drain carburetor float chambers.
- Apply engine oil to all linkages on carburetors.
- Close all openings on the cold engine, such as the exhaust pipe, venting tube and air filter intake against entry of dirt and humidity.
- Spray all external engine steel parts with preservation oil.
- In the event of longer out of service periods repeat the whole preservation procedure annually.

5.3) Returning the engine to service

- Remove all plugs and fasteners.
- Clean spark plugs with solvent and a plastic brush.
- If preservation including oil change took place not longer than a year ago, oil replacement will not be necessary.
- Complete 100 hour inspection if engine has been out of service for more than one year.

▲ **WARNING:** Work on the engine may only be carried out and approved by authorized persons. See the latest issue Maintenance Manual (Line Maintenance) for the respective engine type, 912 Series or 914 Series.