ATP 80 and ATP 100
Pumps lubrication

The first lubrication required for the correct operation of ATP pumps is performed in the factory. Subsequent lubrications should be performed according to the procedure below and according to a frequency defined as a function of processes used (see scales *D 30*).
Only use the ALCATEL grease contained in the lubrication syringe (refer to the maintenance component references *F 10*).
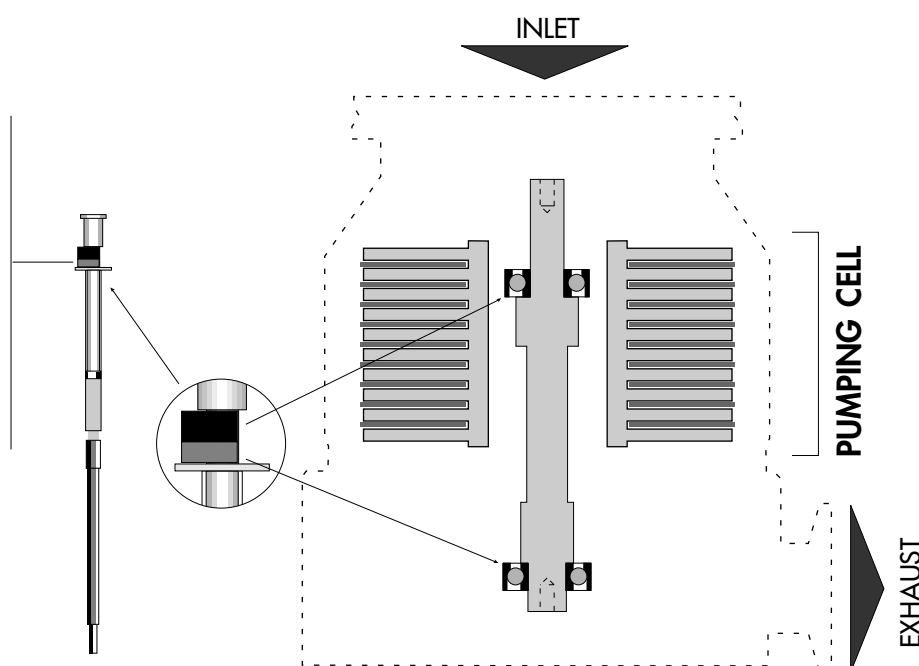
⚠️ **Avoid introducing foreign matter into the pump during these operations. Lubrication must be performed with the pump switched off.**

Use of the lubrication syringe

The ATP contains two bearings which must both be reloaded with grease at each relubrication period.
The syringe is equipped with two jumpers with different widths and colours (red and black) **used to proportion the grease accurately for each pump bearing.**

Lubrication of bearing on the pumping cell side: **black jumper.**

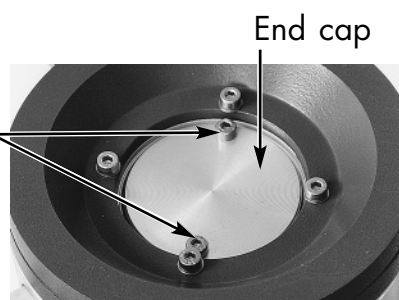Lubrication of bearing opposite the pumping cell side: **red jumper.**

INLET

PUMPING CELL

EXHAUST

ATP 80 and ATP 100
Pumps lubrication

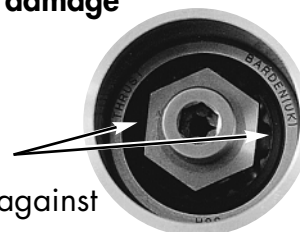Disconnect the pump from the installation.

End cap

Bearing lubrication ③ Remove the end cap by removing the two attachment screws. Remove the compression spring and the adjustment sleeve **(asymmetrical part, mark the direction for assembly).**
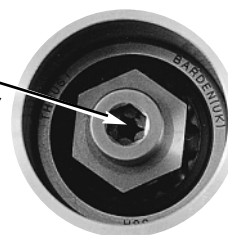
Bearing opposite the pumping cell Introduce the syringe equipped with its needle into the bearing and remove the red jumper. ⚠ **Always position the syringe needle between two balls of the bearing so as not to damage the bearing.**

Distribute the dose of grease in 2 diametrically opposed points, until the syringe plunger comes to a stop against the black jumper.

Bearing on pumping cell side Introduce the lubrication syringe needle into the drilled screw located at the center of the rotor until it comes to a stop against the screw head. Keep the syringe pressed down to the bottom of its housing throughout the operation.
Remove the black jumper from the syringe and introduce the grease until the plunger comes to a stop.

Remove the syringe.

③ Reassemble the adjustment sleeve (taking care with the direction), the spring and the end cap with its o-ring.

The relubrication operation is complete.

Execute the pump running-in: see **E 70.**