

Pump Disassembly Procedure

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Preliminary requirements

Required conditions

Table 1 Required conditions

Action/Condition	Data module/Technical publication
None	

Support equipment

Table 2 Support equipment

Name	Identification/Reference	Quantity	Remarks
Ratchet wrench	Part No 2022-03	1 EA	
Torque wrench up to 30 N*m incl.	Part No 33530-2022	1 EA	
Drive Flank Socket 6pt 15mm	Part No 22405-15	1 EA	

Applicable to: All

PUMP-A-73-20-03-00AA-920D-A

Consumables, materials and expendables

Table 3 Consumables, materials and expendables

Name	Identification/Reference	Quantity	Remarks
Rotor	Part No UT-35/772586-15	1 EA	

Spares

Table 4 Spares

Name	Identification/Reference	Quantity	Remarks
Rotor	Part No SH40400	1 EA	
Rotor	Part No SH40500	1 EA	

Safety conditions

Note

The consumables, instruments, tools and devices applicable in this Maintenance Instruction are advisory.

Procedure

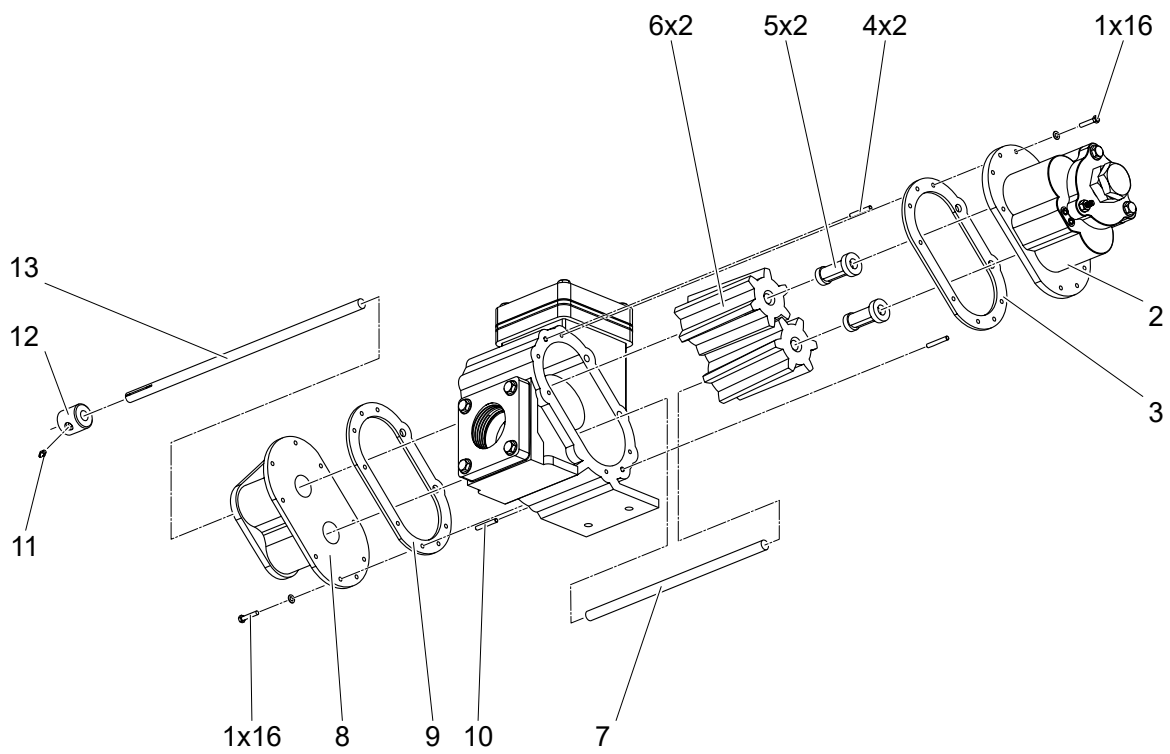
- 1 Remove the bolts [Fig 1 \[1\]](#) securing the faceplate to the casing.
- 2 Remove the faceplate [Fig 1 \[2\]](#).
- 3 Remove the gasket [Fig 1 \[3\]](#).
- 4 Remove the two doweling pins [Fig 1 \[4\]](#) from the casing.
- 5 Remove the drive shaft bushing [Fig 1 \[5\]](#) and expansion washers.
- 6 Remove the drive gear [Fig 1 \[6\]](#).
- 7 Remove the idler shaft bushing [Fig 1 \[5\]](#) and expansion washers.
- 8 Remove the idler gear [Fig 1 \[6\]](#).
- 9 Remove the idler shaft [Fig 1 \[7\]](#).
- 10 Remove the bolts [Fig 1 \[1\]](#) securing the backplate to the casing.

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- 11 Detach the backplate [Fig 1 \[8\]](#) assembly.
 - 12 Detach the gasket [Fig 1 \[9\]](#).
 - 13 Remove the doweling pin [Fig 1 \[10\]](#) from the casing.
 - 14 Remove the zerk fitting [Fig 1 \[11\]](#).
 - 15 Remove the ball bearing [Fig 1 \[12\]](#).
 - 16 Detach the drive shaft [Fig 1 \[13\]](#). Clean drive shaft and adjacent parts. Examine drive shaft. Replace drive shaft if excessively worn or scored.

17 **CAUTION**

Visually inspect all parts. Replace all worn or damaged parts before reassembling the pump. It is recommended that new gaskets be installed each time the pump is disassembled and reassembled.

Inspect.



ICN-PUMP-A-732003-0-00000-00003-A-001-01
Fig 1 Rotors



ICN-PUMP-A-732003-0-00000-00002-A-001-01
Fig 2 Inspect the rotors

Requirements after job completion

Required conditions

Table 5 Required conditions

Action/Condition	Data module/Technical publication
None	