

FCU flow body/drive body split

January 18, 2024
5:28 PM



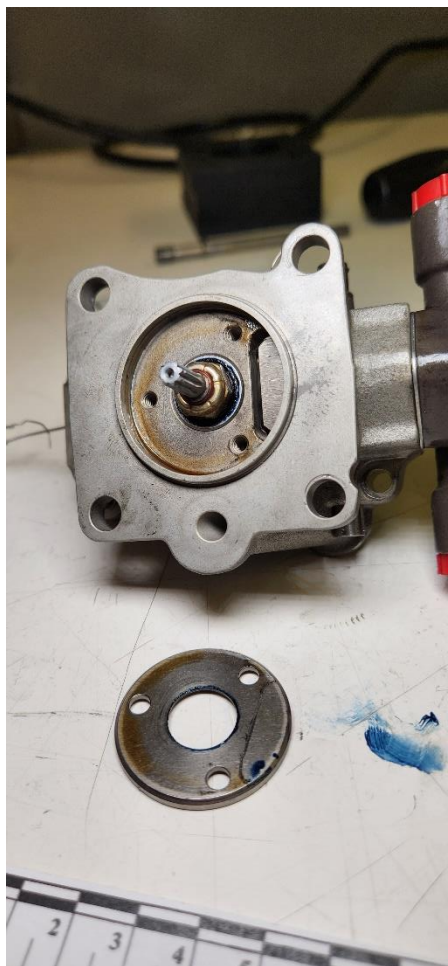
Blue dye found at FCU mating flange between fuel pump and FCU.



Blue dye found at mating flange between fuel pump and FCU.



Part number Identification



Oil consistent with engine oil found on adapter plate at FCU shaft.



Oil consistent with engine oil found on adapter plate at FCU shaft.



Oil found consistent with engine oil found at P3/Py mounting case and also on screws.



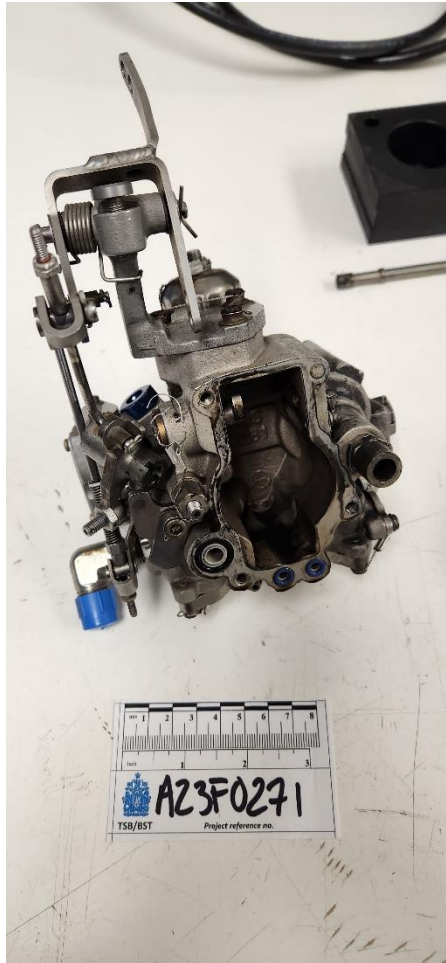
Oil found consistent with engine oil found at P3/Py mounting case and also on screws.



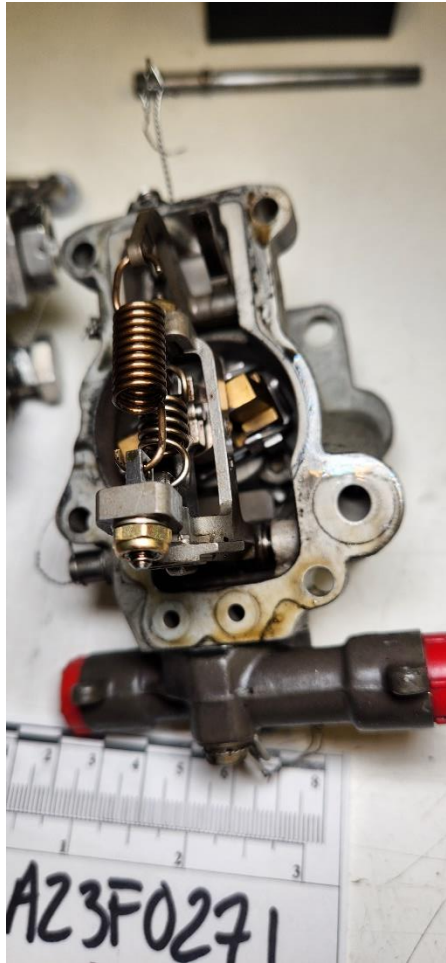
Mating P3/Py flange on governing case found with oil consistent with engine oil.



Oil found at mating flange of governing section.



Oil found at mating flange of governing section. Note that no oil was found inside governing body.



Oil found at mating flange of governing section.



Deposit found in the governing body, but no oil was found inside the governing body.

Notes

Thursday, January 18, 2024

3:43 PM

- All oil found was consistent with engine oil
- Oil most likely caused FCU bearing blue dye washout
- As FCU and Fuel pump was bench tested, FCU bearing was not found seized and performed normally during testing on December 13th, 2023.