*Discovery Engine Test Report*

Configuration

| Test Identifier | Test Type | Date |
| --- | --- | --- |
| CF-F1 | Ethanol Cold Flow | 06 July 2024 |

Major timestamps

| Start Preparation | Start Fill | Perform Test | Finish Cleanup |
| --- | --- | --- | --- |
|  |  |  |  |

Roles

| Test Director | Control | Pad | Operator | Safety |
| --- | --- | --- | --- | --- |
| Liam X. | Will T. | Akhil A. | Jessie L. | Talon dF. |

**Setup objectives:**

* Fill ethanol tank successfully
* Assemble full ethanol plumbing from FT to engine
* Assemble pressurant line plumbing, including side-mounted large servo (BVFTP)

**Test objectives:**

* Characterize MFV opening under ethanol backpressure
* Acquire data as if this were a full characterization test
* Operate smoothly

**System deviations from standard test:**

* The cavitation venturi is not fully machined — will result in lower flow rates than desired.\

**Procedural deviations from standard test:**

**Major incidents encountered:**

**Debrief:**