

GMOD Matrix Test Status

November 23, 2015

Thirteen GMOD precision matrix oil tests have been completed and twelve have been reported.

All reported data can be retrieved at: <https://dexostrc.org/Reference/LiveReference/QueryTestData>

The field COM2 will identify the test as a precision matrix test with a value of "MATRIX".

Test Length is 100 hours, ~ 5 days/test

Estimated Matrix Completion: ~Week of December 14th

GMOD Matrix Test Status

| | Lab- Stand | IAR Stand 1 G-1 | IAR Stand 2 G-2 | SWRI Stand 1 A-1 | SWRI Stand 2 A-2 | Afton D-1 | ExxonMobil F-1 | Lubrizol B-1 |
|-----------|---------------|------------------------------|-------------------------------------|------------------------------|------------------------------|------------------------------|---------------------------|--------------------------------------|
| Run Order | 1 | GMOD01-1 112909-GMOD ✓ | 434-2 108822-GMOD ✓ | GMOD02-1 112925-GMOD ✓ | 434-2 107864-GMOD ✓ | GMOD02-1 112934-GMOD ✓ | 434-2 112941-GMOD ✓ | GMOD02-1 112939-GMOD ✓ |
| | 2 | 434-2 112905-GMOD ✓ | GMOD02-1 112913-GMOD Oil Loss | GMOD01-1 112921-GMOD ✓ | GMOD02-1 112926-GMOD ✓ | 434-2 112929-GMOD ✓ | GMOD01-1 112943-GMOD | GMOD01-1 112937-GMOD Completed |
| | | | GMOD02-1 112914-GMOD | | | | | |
| | 3 | GMOD02-1 112916-GMOD | GMOD01-1 | 434-2 112917-GMOD | GMOD01-1 112922-GMOD | GMOD01-1 112931-GMOD | GMOD02-1 | 434-2 |
| | 4 | GMOD01-1 | GMOD01-1 | 434-2 | GMOD02-1 | GMOD01-1 | 434-2 | GMOD01-1 |
| | 5 | 434-2 | GMOD02-1 | GMOD02-1 | 434-2 | GMOD02-1 | GMOD01-1 | 434-2 |
| 6 | GMOD02-1 | 434-2 | GMOD01-1 | GMOD01-1 | 434-2 | GMOD02-1 | GMOD02-1 | |

✓ Indicates operation task force has reviewed operational data and found the test to be operationally valid.

* Indicates operations task force is still discussing operational validity of test.

Test Reported

Invalid

| Oil | TestKey | Lab | Stand | EOT Vis Increase (%) | WPD (merits) | Phos. Retention (%) | MRV | Comment |
|----------|-------------|-----|-------|----------------------|--------------|---------------------|-------|---------|
| 434-2 | 108822-GMOD | G | 2 | 56.7 | 7.04 | 74.37 | 25700 | |
| | 107864-GMOD | A | 2 | 95.1 | 6.70 | 71.03 | N/A | |
| | 112941-GMOD | F | 1 | 73.1 | 7.09 | 75.19 | N/A | |
| | 112905-GMOD | G | 1 | 89.5 | 6.96 | 75.13 | N/A | |
| | 112929-GMOD | D | 1 | 84.8 | 7.42 | N/A | N/A | |
| GMOD01-1 | 112909-GMOD | G | 1 | 78.5 | 5.98 | 81.82 | 22800 | |
| | 112921-GMOD | A | 1 | 76.8 | 6.84 | 79.94 | N/A | |
| | | | | | | | | |
| | | | | | | | | |
| GMOD02-1 | 112925-GMOD | A | 1 | 73.8 | 5.79 | 77.08 | 14400 | |
| | 112934-GMOD | D | 1 | 52.9 | 7.04 | 83.08 | N/A | |
| | 112939-GMOD | B | 1 | 55.8 | 6.19 | 79.75 | N/A | |
| | 112926-GMOD | A | 2 | 45.4 | 6.61 | 80.18 | N/A | |
| | 112914-GMOD | G | 2 | 58.2 | 5.62 | 82.98 | N/A | |

If there are any questions please let me know.

Best regards,
Frank

Frank Farber
<ftp://ftp.dexostrc.org/reference/docs/GMOD/MatrixStatusReports/>