

**VIB 0W-30/5W-30 - Report Period: APR 2002**  
**Status Of Reported Tests**

1

| STATUS               | COUNT | PERCENT |
|----------------------|-------|---------|
| Aborted              | 2     | 3.922   |
| Cancelled            | 10    | 19.608  |
| Invalid              | 3     | 5.882   |
| Valid                | 36    | 70.588  |
| Total Reported Tests | 51    | 100.000 |

**VIB 0W-30/5W-30 - Report Period: APR 2002**  
**Itemized Lost Test Report**

| Obs | Date     | TESTKEY    | REASON                                     |
|-----|----------|------------|--------------------------------------------|
| 1   | 20011001 | RSI-264022 | Prior To Completion At Sponsor Request     |
| 2   | 20011026 | RSI-264188 | Prior To Completion At Sponsor Request     |
| 3   | 20011029 | RSI-264209 | Prior To Completion At Sponsor Request     |
| 4   | 20011102 | RSI-264264 | Operationally Invalid,by Lab               |
| 5   | 20011111 | RSI-264313 | Operationally Invalid,by Lab               |
| 6   | 20011204 | RSI-264487 | Operationally Invalid,lab Declares Invalid |
| 7   | 20011221 | RSI-264638 | Prior To Completion At Sponsor Request     |
| 8   | 20020102 | RSI-264683 | Prior To Completion At Sponsor Request     |
| 9   | 20020204 | RSI-264863 | Operationally Invalid,lab Declares Invalid |
| 10  | 20020218 | RSI-264970 | Operationally Invalid,lab Declares Invalid |
| 11  | 20020318 | RSI-265268 | Prior To Completion At Sponsor Request     |
| 12  | 20020321 | RSI-265295 | Prior To Completion At Sponsor Request     |
| 13  | 20020325 | RSI-265318 | Prior To Completion At Sponsor Request     |
| 14  | 20020325 | RSI-265316 | Prior To Completion At Sponsor Request     |
| 15  | 20020325 | RSI-265315 | Prior To Completion At Sponsor Request     |

***VIB 0W-30/5W-30 - Report Period: APR 2002***  
***Replicate Database Report***

| Components of Replicate Database | APR 2002 | All Periods |
|----------------------------------|----------|-------------|
| Number of Tests                  | 5        | 28          |
| Formulations                     | 3        | 13          |
| Labs                             | 1        | 5           |
| Stands                           | 2        | 15          |

**VIB 0W-30/5W-30 - Report Period: APR 2002**  
**by-Formulation Pooled s and Reproducibility of Replicate Data**

| Report Period | Parameter         | Degrees of Freedom | Pooled s | R       |
|---------------|-------------------|--------------------|----------|---------|
| APR 2002      | FEI1              | 2                  | 0.60706  | 1.69978 |
| APR 2002      | FEI2              | 2                  | 0.27722  | 0.77621 |
| APR 2002      | FEI1 (Without SA) | 2                  | 0.56181  | 1.57305 |
| APR 2002      | FEI2 (Without SA) | 2                  | 0.27613  | 0.77318 |
| All           | FEI1              | 15                 | 0.27968  | 0.78311 |
| All           | FEI2              | 15                 | 0.22135  | 0.61978 |
| All           | FEI1 (Without SA) | 15                 | 0.26168  | 0.73270 |
| All           | FEI2 (Without SA) | 15                 | 0.24838  | 0.69547 |



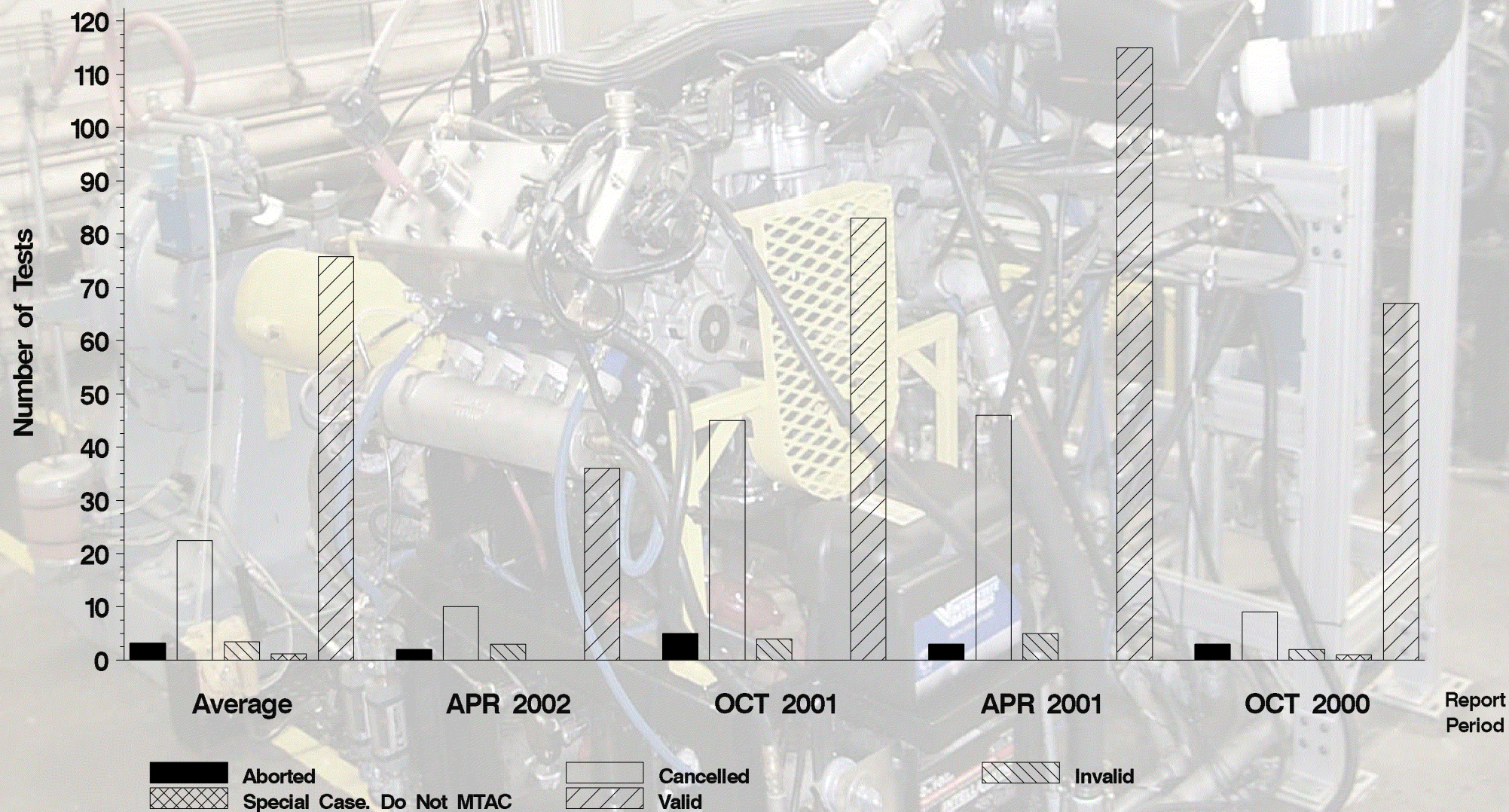
**VIB 0W-30/5W-30 - Report Period: APR 2002**  
**Pass/Fail**

| Report Period | API Category                   | N   | Number Passed | % Passed |
|---------------|--------------------------------|-----|---------------|----------|
| APR 2002      | All Categories, All Parameters | 36  | 1             | 2.7778   |
| APR 2002      | GF-4 - All Parameters          | 36  | 1             | 2.7778   |
| APR 2002      | GF-4, FEI1                     | 36  | 5             | 13.8889  |
| APR 2002      | GF-4, FEI1 (Without SA)        | 36  | 8             | 22.2222  |
| APR 2002      | GF-4, FEI2                     | 36  | 5             | 13.8889  |
| APR 2002      | GF-4, FEI2 (Without SA)        | 36  | 7             | 19.4444  |
| APR 2002      | SL - All Parameters            | 36  | 12            | 33.3333  |
| APR 2002      | SL, FEI1                       | 36  | 19            | 52.7778  |
| APR 2002      | SL, FEI1 (Without SA)          | 36  | 18            | 50.0000  |
| APR 2002      | SL, FEI2                       | 36  | 15            | 41.6667  |
| APR 2002      | SL, FEI2 (Without SA)          | 36  | 17            | 47.2222  |
| All           | All Categories, All Parameters | 379 | 32            | 8.4433   |
| All           | GF-4 - All Parameters          | 379 | 32            | 8.4433   |
| All           | GF-4, FEI1                     | 379 | 86            | 22.6913  |
| All           | GF-4, FEI1 (Without SA)        | 379 | 80            | 21.1082  |
| All           | GF-4, FEI2                     | 379 | 55            | 14.5119  |
| All           | GF-4, FEI2 (Without SA)        | 379 | 65            | 17.1504  |
| All           | SL - All Parameters            | 379 | 101           | 26.6491  |
| All           | SL, FEI1                       | 379 | 183           | 48.2850  |
| All           | SL, FEI1 (Without SA)          | 379 | 172           | 45.3826  |
| All           | SL, FEI2                       | 379 | 132           | 34.8285  |
| All           | SL, FEI2 (Without SA)          | 379 | 138           | 36.4116  |



## VIB 0W—30/5W—30

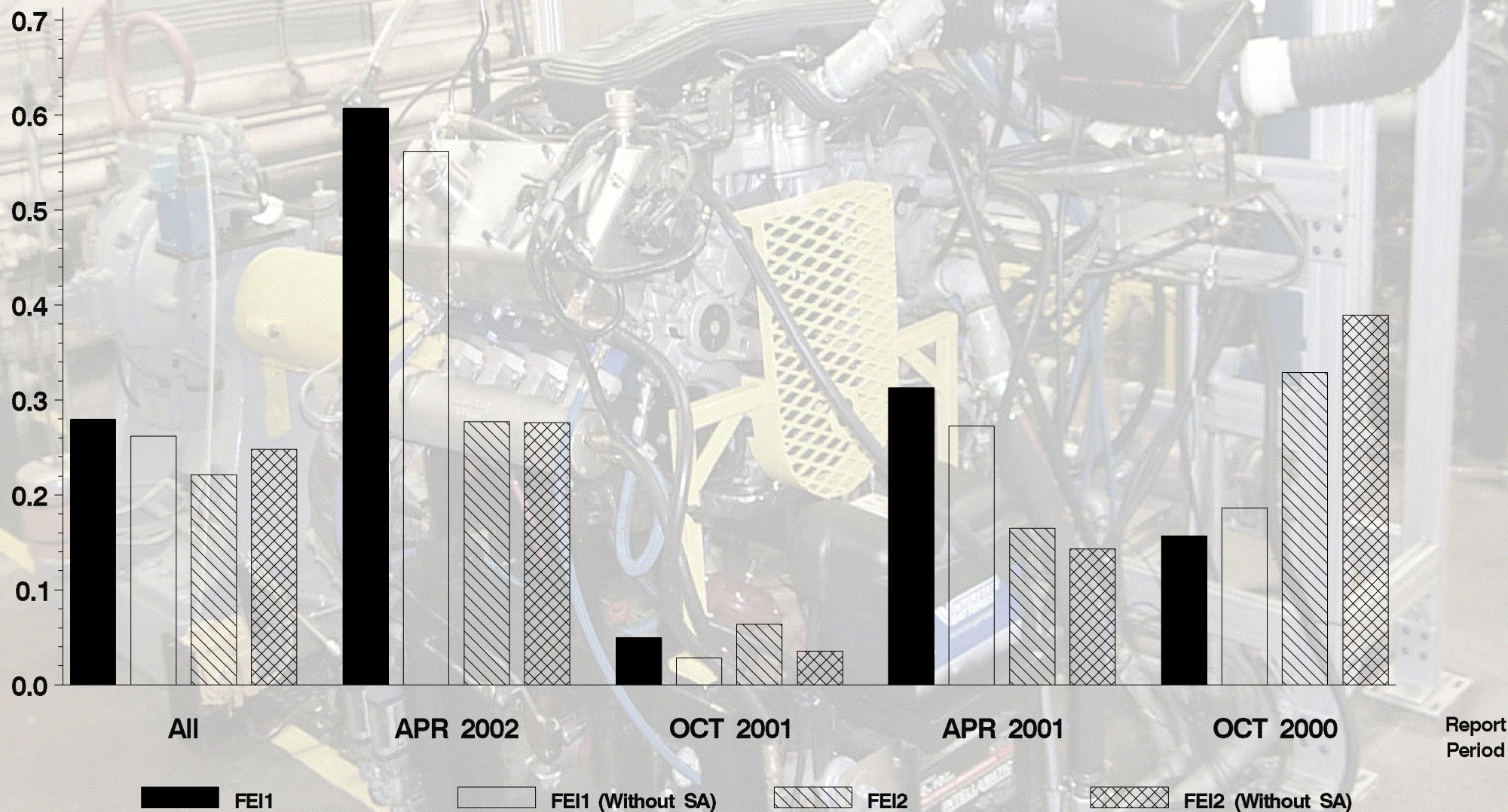
### Status of Reported Tests





**VIB 0W—30/5W—30**

**Candidate Precision as Represented by Pooled S**





**VIB 0W—30/5W—30**

**Candidate Precision as Represented by Pooled S**

