|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Comparison on fuels quality according to collected fuel types** | | | | | | | | | | | | |
| ***Period from January to December - 2013 and 2014*** | | | | | | | | | | | | |
| **Fuel type** | **01. - 12. 2013** | | | | | | **01. - 12. 2014** | | | | | |
| **Collected samples** | | **Noncompliant** | | **Compliant** | | **Collected samples** | | **Noncompliant** | | **Compliant** | |
| *Number of samples* | *in %* | *Number of samples* | *in %* | *Number of samples* | *in %* | *Number of samples* | *In %* | *Number of samples* | *in %* | *Number of samples* | *in %* |
| Automotive petrol | 906 | 36.3 | 23 | 2.5 | 883 | 97.5 | 1007 | 37.8 | 9 | 0.9 | 998 | 99.1 |
| Diesel | 1 144 | 45.9 | 36 | 3.1 | 1108 | 96.9 | 1 202 | 45.1 | 27 | 2.2 | 1175 | 97.8 |
| Diesel fuel blend | 71 | 2.8 | 5 | 7.0 | 66 | 93.0 | 73 | 2.7 | 4 | 5.5 | 69 | 94.5 |
| FAME | 21 | 0.8 | 1 | 4.8 | 20 | 95.2 | 30 | 1.1 | 4 | 13.3 | 26 | 86.7 |
| LPG | 298 | 11.9 | 7 | 2.3 | 291 | 97.7 | 302 | 11.3 | 37 | 12.3 | 265 | 87.7 |
| CNG | 36 | 1.4 | 0 | 0.0 | 36 | 100.0 | 36 | 1.4 | 0 | 0.0 | 36 | 100.0 |
| Ethanol E85 | 19 | 0.8 | 0 | 0.0 | 19 | 100.0 | 13 | 0.5 | 0 | 0.0 | 13 | 100.0 |
| **Total** | **2,495** | **100.0** | **72** | **2.9** | **2,423** | **97.1** | **2,663** | **100.0** | **81** | **3.0** | **2,582** | **97.0** |

72 out of the total number of 2,495 fuel samples collected in 2013 failed quality requirements, i.e. 2.9%. During the same period of 2014, 81 of the total number of 2,663 samples of motor fuels failed, i.e. 3.0% which was an increase concerning the ratio of poor quality samples by 0.1%.

We saw improvement from 2.5% to 0.9% concerning automotive petrol, from 3.1% to 2.2% concerning diesel, and from 7.0% to 5.5% concerning diesel fuel blend. Ratio of findings concerning Ethanol E 85 decreased from 5.3% to 0.

During 2014, the CTIA saw significant worsening of fuels quality especially concerning LPG for engine – from 2.3% to 12.3%, as well as FAME – from 4.8% to 13.3%.