

AuthentiX[®] -LFD Diesel Test Kit

Scientists at AuthentiX developed a simple but highly effective solution for Diesel traders and consumers; to significantly reduce their risks from unknowingly accepting or trading with Diesel that has been mixed/adulterated with Illuminating Paraffin.

A Lateral Flow Device 'LFD' (Diesel Testing Kit) test can now proactively protect your Diesel consuming equipment, transport fleet, and/or trading enterprise from damage and / or costly litigation. LFD Testing will ensure that you are in full compliance with Section 37(A) of the Customs & Excise Act 91 of 1964.

- Illicit mixing of Illuminating Paraffin with Diesel and other Petroleum Products is illegal in terms of Section 37(A) of the Customs and Excise Act 91 of 1964 and can lead to criminal investigations and convictions.
- Engines will eventually sustain damage or cease to function and cause high maintenance and repair costs.
- Receiving, trading or using illicitly mixed Diesel will, on inspection, lead to the detention of such goods including the assets (i.e. truck, tank, etc.).
- Mixed products are seized by South African Revenue Service inspectors and may be forfeited to the State by being removed for destruction leading to direct and immense business losses to unsuspecting traders.
- Adulterated Diesel is subject to forfeiture and penalty once the extent of duty liability has been determined.
- Mixed Diesel leads to deleterious environmental and adverse health effects that impacts the lives of countless people.

"Testing for paraffin is relatively simple thanks to a marker that is legally required to be added to all illuminating paraffin produced in, or imported into, South Africa.

Known as the **AuthentiX A1**, this multi-layered security package is to mark paraffin, as required in terms of the Customs and Excise Act.

The presence of the marker is tested with a simple test kit resembling an at-home pregnancy or Covid-19 test. Two lines suggest you are in the clear, while one line points to the presence of the **AuthentiX Marker** – which in turn points to the presence of paraffin.

If such a fuel test reveals the presence of the marker, more in-depth, more costly, tests can be run to ensure the fuel complies with the South African National Standards (SANS) for fuels."

Excerpt from article: published on www.news24.com - Date: 04 September 2023 - Written By: Lisa Steyn



Vernon Bartlett
+27 79 524 1461
+27 71 607 7798
vern@benveroy.com

Werner Pretorius
+27 82 927 4805
ops@benveroy.com

Unit 11 Lakeview Industrial Park
Malcolm Moodie Crescent
Jet Park
BOKSBURG
Gauteng Province
Republic of South Africa.
1518

Official **BIOBOR** & **Hammonds** Agent for Sub-Saharan Africa & Indian Ocean Islands

www.biobor.com