



FUEL SUPPLY



**PROTECT
YOUR ASSETS**

CASE STUDY



THE CHALLENGE

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- The background image shows a hand holding a fuel nozzle next to a car. A large red arrow points downwards from the top center towards the nozzle. Overlaid on the image is a glowing data visualization consisting of a bar chart and a line graph with various data points and trends.
- The diesel fuel arrived with high levels of contamination (ISO 22/21/18).
 - This created risks of injection system failures, increased fuel consumption, and premature wear in diesel engines.
 - Fleet customers were demanding cleaner fuel for Euro 4+ engines, and the service station needed to differentiate itself.
 - Contamination reduced efficiency, increased soot formation, and shortened the service life of engine oil and filters.

THE SOLUTION



An FMS filtration system was implemented at diesel reception and dispensing points, along with deep tank cleaning. The project incorporated FMS-350-BP and FMS-60-TBP housings, high-efficiency filter elements, and a monitoring process to ensure consistent fuel quality.



RESULT: Ultra clean and dry diesel – ISO 4406: <12/9/6



“ Since installing the FMS filtration systems at our station, our customers have noticed a clear improvement in diesel fuel quality.

The reduction of sediments and water has decreased failures, extended filter life, and improved engine performance.

The service, support, and technical guidance have been excellent, enabling us to deliver cleaner fuel and strengthen customer loyalty.

Mario A. Gatica Duarte,
President, Servicentro Parrita S.A.



Book a meeting to discover how to effectively

PROTECT YOUR ASSETS



fms-filtration.com

**DOUBLE
GREEN** 

Economic and Environmental Benefits