



MicrobMonitor®2 consists of 5 small rectangular bottles containing a nutritive gel to which a sample is added.

MicrobMonitor®2 is designed to quantitatively detect microbes, which cause spoilage of petroleum products.

APPLICATION:

The MicrobMonitor®2 quantitatively detects *Hormoconis Resinae* and all other aerobic moulds, yeasts and bacteria that can cause fouling and corrosion in fuel. The MicrobMonitor®2 works with any petroleum product and associated water. It is recommended by IATA for use in aviation fuel and is listed in the Aircraft Maintenance Manuals of Boeing, Airbus, BAE Systems and other major aircraft OEMs. This test is also used by the military as National Stock Number (NSN), 4930014831014, and is a codified NATO Stock item (No. 6640-99-834-3573).

The MicrobMonitor®2 is a simple, uniquely quantitative test, which delivers an easily understood numerical contamination level. It uses the reliable and trusted colony forming unit (CFU) technology, and indicates the severity of contamination and not just the presence of microbes as with “go, no-go” tests. The MicrobMonitor®2 has been independently validated in an inter-laboratory study conducted for the Energy Institute, and enables testing in accordance with IP613 and ASTM D7978 – *Determination of the Viable Aerobic Microbial Content of Fuels, Oils and Associated Water – Thixotropic Gel Culture Method*. The test gives results comparable with laboratory standard test methods IP385 and ASTM D6974-03.

Tests results take from 1 - 7 days, but regular testing gives an early warning of potential problems and allows ample time for action before operational problems occur. Experience has shown that a fuel re-test after a few days is always recommended to confirm that contamination detected is really due to growth in an aircraft.

PERSONAL SAFETY & HANDLING:

When handling any type of fuel for testing, be sure to wear proper safety glasses or goggles for eye protection and chemical gloves for skin protection. Wash your hands before and after test.

STORAGE & SHELF LIFE:

The MicrobMonitor®2 has a designated expiration date of 1 year which applies to storage in a cool (<22°C) dark location. Shelf life can be extended by an additional year if refrigerated at 2 - 8°C.

ADVICE & TECHNICAL SERVICE

If you discover a significant microbiological contamination in your fuel system, please contact FQS LLC for further advice. We can supply effective biocide products to kill the microbes if needed, 1-770-967-9790 or Email: sales@fqsinc.com.

Important Notice: The test kit should only be used strictly in accordance with these instructions. The results will only relate to the sample taken and not necessarily to other fuel in the system. The responsibility of conducting the sampling and test procedures correctly are those of the user and not FQS LLC or their associates, and they do not accept any liability for any decision or assessment taken or made as a consequence of the results obtained from using this test kit. The test kit is designed to detect a recognized group of microorganisms which cause spoilage and fouling of petroleum fuels, but it is in the nature of microbiology that there may be microorganisms present which are not detected by the test procedure. MicrobMonitor®2 is a registered trademark of ECHA Microbiology Ltd.