

Technical datasheet

Fourier Transform Infrared Spectroscopy “OTS.FTIR.spectrometer”

OTS ID.: 9000-495

Introduction

FTIR analysis supports a beneficial choice of additives obtaining performance and avoiding lost production due to lubricant ineffectiveness. Traditional methods to provide knowledge for operational decisions included sending oil samples for testing at a chosen laboratory. This process would take 10-12 days, which would make it ineffective and un-operational.

Using FTIR on-site Ocean Team Group knows instantly when customer oils have reached performance properties: avoiding contamination to spread unwanted particles from one location to the full system and decreasing further costs of wasted oil. On-site analysis optimizes the time and amount of oil used for flushing.



Features

- Instant results
- Analysis deviation accuracy on 1%
- Mobile unit, fitted inside suitcase

Safety features

- Non-ex equipment.

Capacity & performance

Weight & dimensions

Length	660 mm
Width	430 mm
Height	320 mm
Gross weight	35 kg

*The performance values refer to pumps with submerged suction and free delivery outlet with water at 20°C, and vary according to the construction material