In situ (online) water concentration determination with LIEBHERR Litronic-FMS III and coaxial tube sensor type RMH-12

Application:
- Water concentration determination also in very low ppm ranges in different emulsions (e.g. diesel, gear and hydraulic oil).
- Measurements in several test and laboratory plants (e.g. test loops for water separation in diesel-fuel filters).
- In situ determination of water concentration, fast alternating results.
- Easy installation.

Selection / Solution:
- Looking for and fixing of a good installation place.
- Selection of suitable LIEBHERR water concentration / moisture measurement system FMS III with coaxial tube sensor, electronic module, software and further accessories.
- Installation at measurement point with data recording.
- Parameterization with start-up direct at the plant.

Customer’s benefit:
- Measurement of complete liquid „In-Situ“ 30 times per second.
- Stable, extremely high measuring results up to 3 ppm.
- Automatically zero adjustment and operation check.
- Graphic visualization, data logging.
- Ethernet connectivity.
- Precisely temperature measurement integrated.
- High-resolution medium temperature compensation.
- Easy Installation in DN12 pipes with Ermeto screw connection.
- Pressure up to 6 bar.
- Samplings and offline analyses can be omitted.

Installation examples:

Upon request we would be glad to send further information or references.