

# ALRS

## Automatic Remote Live Sampling

Safety first accurate oil sampling.

Do your lab results make you question sample quality?

CareTaker Automated Live Remote Sampling System (ALRS) is designed specifically to address ongoing issues with fluid sampling methods and to remove the safety hazard for service personnel.



Problem: Taking oil samples in cramped and hazardous conditions without proper cleanliness precautions.

### Caretaker addresses issues with:

- Contamination from unclean sampling bottles.
- Dead oil samples due to feed lines not being properly purged.
- Samples taken at erratic intervals.
- Samples taken in adverse conditions.
- Operator error.
- Sample point locations in hard to reach and dangerous locations.
- Safety of personnel due to having to climb over or under machinery.
- Cold samples.

## How does CareTaker work?

The CareTaker ALRS requires a low pressure feed with constant return line to ensure the lubricant passing through the ALRS is fully representative of what is in the system.

A sample of 'live' fluid is extracted at a predetermined time and transferred directly to the sample bottle which is identified by a unique RFID number.

## Condition-Based Oil Changes

Trending with confidence will provide the opportunity to move from 'time-based' oil changes to 'condition-based', potentially saving costs related to new and waste oil.

Extracting and tracking a fluid sample has never been this safe or accurate.

- Take a representative sample
- Analyse the sample with confidence
- Capture and record accurate and useful data

A new level of condition monitoring and hydrocarbon management.

