SUGAR INDUSTRY

PROTECT YOUR ASSETS

CASE STUDY

INGENIO LA UNIÓN

THE CHALLENGE

- It was detected that the new hydraulic oil was not completely clean (ISO 20/19/17).
- Presence of particles and moisture in the system.
- Frequent failures in hydraulic components.
- Extended operational downtime.

THE SOLUTION

Filtration was implemented from the dispatch of the new oil, along with offline systems in the harvesters and dialysis during their repairs, all under periodic monitoring with an ISO particle counter.

RESULT: Optimal purity levels – ISO 4406: 15/12/9

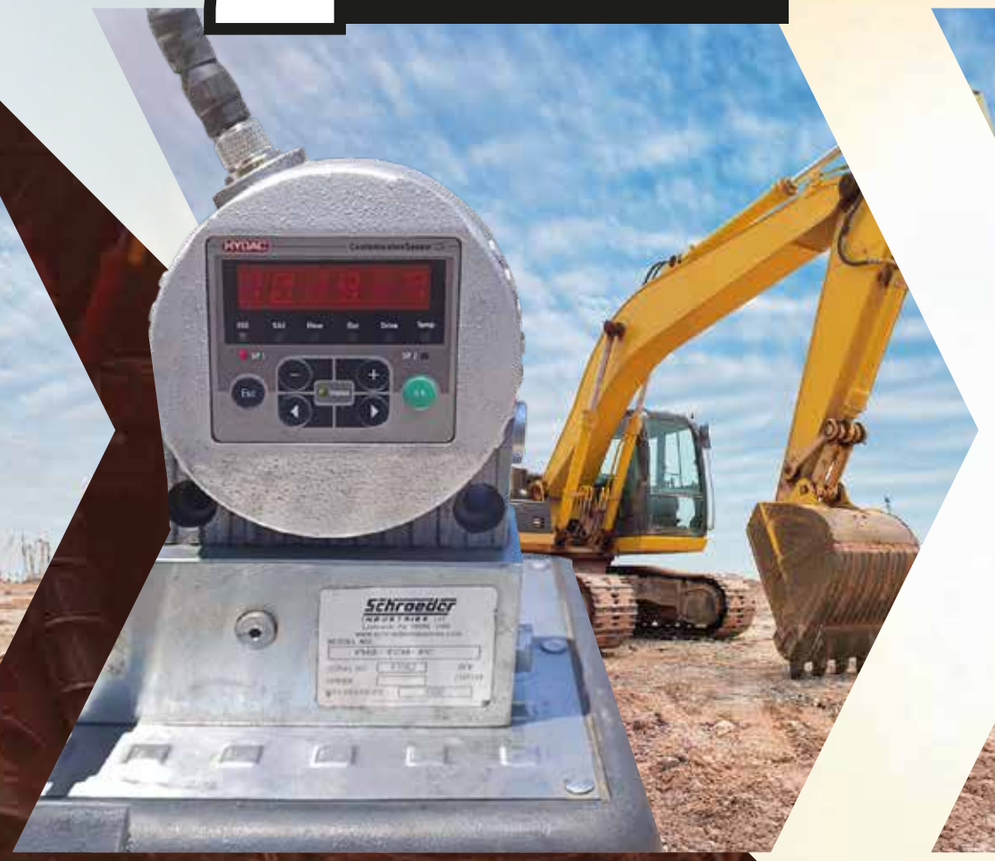
STEPS FOR MAXIMUM CLEANLINESS

1 CLEAN START

HYDRAULIC OIL DIALYSIS

FMS-HFS-4

2 EFFECTIVE MONITORING*



ISO 4406 PARTICLE MONITOR

FMS-TCM-FC

3 STAY CLEAN

HYDRAULIC OIL BYPASS AND BREATHER

FMS-3-TP FMS-150-B

> Thanks to the efficiency achieved, our travel pumps in harvesters have already exceeded 15,000 hours of operation, and we are confident in extending their service life even further."

*Online monitoring is the most reliable practice.

Book a meeting to discover how to effectively

PROTECT YOUR ASSETS

fms-filtration.com

DOUBLE GREEN

Economic and Environmental Benefits