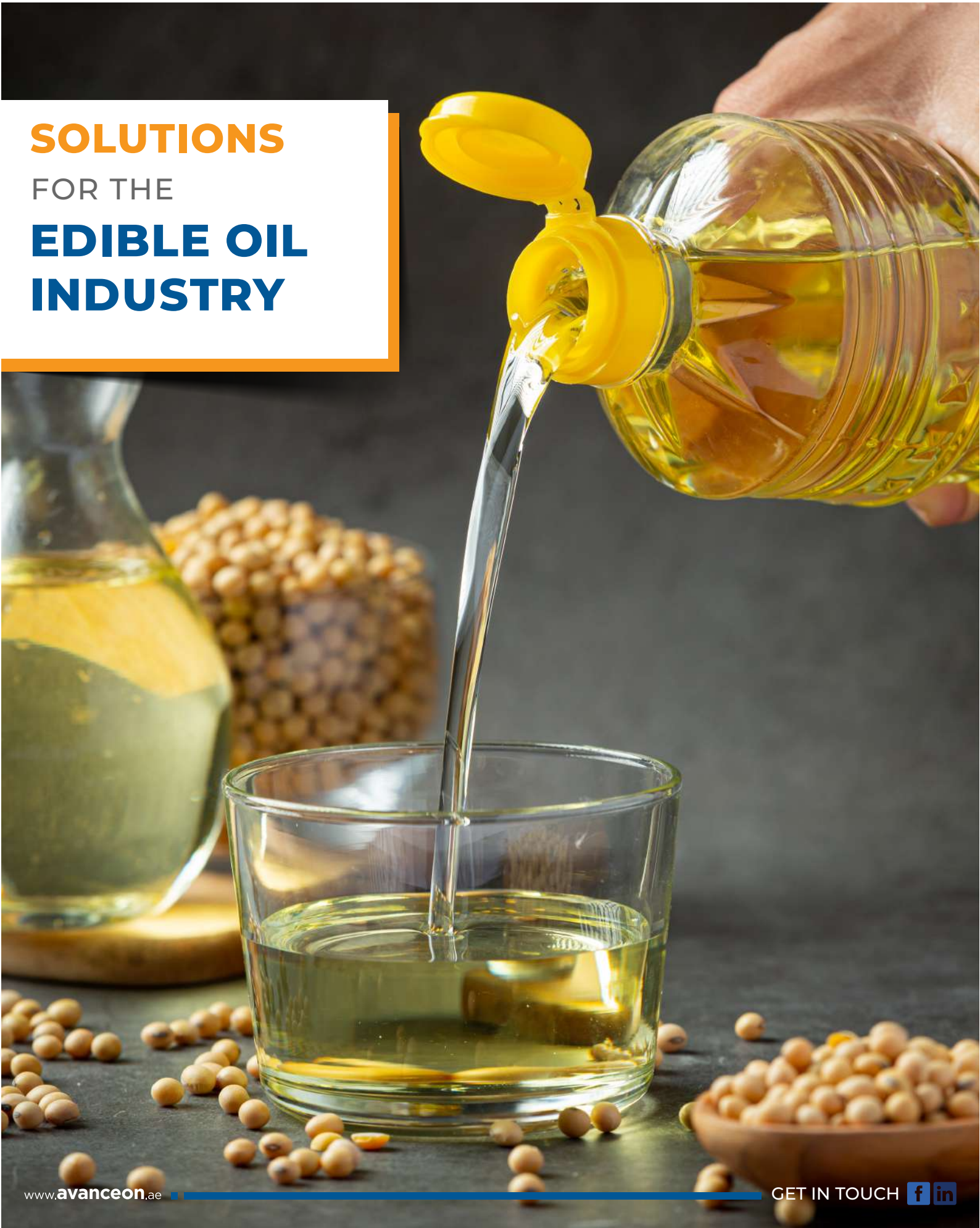


SOLUTIONS FOR THE EDIBLE OIL INDUSTRY



INDUSTRY: OIL & GHEE
COMPANY: KAUSAR EDIBLE OIL REFINERY



MODEL SELECTED:

Proline Promass E 300 Coriolis flowmeter (Coriolis flowmeter with a compact, easily accessible transmitter) The robust Promass E has a long-standing reputation as a reliable solution accurately measuring liquids and gases in a wide range of standard applications in various industries.



OPTIMIZE YOUR EDIBLE OIL REFINING PROCESS

Innovative measurement technologies ensure high production performance and plant availability. Flowmeters are used to reliably monitor the transfer of the raw oil within the individual process steps.

As a result, loss can be detected and prevented in order to maintain the yield at a constantly high level. In addition, highly-precise Coriolis flowmeters are used to control the dosing of process enhancers, operating materials and additives, thus ensuring product quality.

Edible oil manufacturers face the constantly growing challenges of low margins, fluctuating raw materials quality and changing consumer habits. Improving production performance and driving down operations costs calls for innovative measurement technology. Through targeted and consistent optimization of the refining process, plant operators can minimize downtime and rejects while increasing the added-value of their systems, all without sacrificing product quality.

Edible oil manufacturers face problems with the precise measurement of edible oil stocks at every process and which results in losses. Adequate tank utilization is another issue due to not having precise measurements in the tanks at any interval which resulted in the non-availability of oil stocks at any given point of time. Regular unaccounted losses and operational issues contribute to revenue losses for the customer.



WHAT WE OFFER

Endress+Hauser offers a complete range of reliable and robust process measurement technology for the production of high-quality edible oils, from delivery of the raw materials, to refining and warehousing of the end product. With sustainable process improvements, we help you avoid waste and loss and optimize the performance of your production system. The benefits of our technology:

- 1 Guaranteed consistent product quality
- 2 Reduction in process enhancers, operating materials and additives
- 3 Cost-effective energy use

Endress+Hauser enables you to reduce costs, maximize tank utilization and optimize your logistics.

Monitoring of product stock in your tanks and silos can be done through Level Radars installed at your Silos and tanks.

Theft can be detection as inventory data is being monitored.



CUSTOMER CHALLENGE

Edible oils manufacturers must address the challenges of ensuring high output, keeping operations costs constant and conserving resources on a daily basis, all without sacrificing product quality. Modern, innovative production processes, as well as reliable instruments for measuring critical process parameters, make a significant contribution toward managing these challenges.

OUR SOLUTION

Endress+Hauser's broad product portfolio guarantees reliable measurement results across all process steps to ensure adherence to quality-relevant parameters when manufacturing edible oils. Refining, with its specific sub-processes, is an important process, with temperature, flow and pressure playing a key role in product quality and safety. With robust designs and reliable functionality, our instruments guarantee smooth-running production and the conservation of all types of resources.



CLIENT REVIEW ABOUT US

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