



ecoXTRACT[®]

**the sustainable and clean
solution to extract vegetable oils
and plant-based proteins**



A game-changer for the oilseeds
processing industry

Introducing EcoXtract® : the sustainable and clean solution to extract vegetable oils and plant-based proteins

EcoXtract® is a new bio-based solvent with high purity content, >99.9% of 2-methyloxolane, a molecule occurring naturally in edible plants such as watercress. The product is recognized as an USDA 100% bio-based product (Bio-preferred label) and will likely be considered organic.



Bio-based extraction solvent derived from agricultural by-products



High performance in oil extraction



Proven safety for plant operators and final products' consumers



Environmental-friendly, a renewable and biodegradable product



Cost-competitive solution, proven at industrial scale



One of the most promising techniques to substitute petrochemicals in oil extraction, listed in the *Best Available Techniques (BAT) Reference Document for the Food, Drink and Milk Industries*, published by the European Commission in 2019.

EcoXtract® offers an unprecedented business opportunity for the oilseeds crushing industry

- ✓ Sustainable oil processing - with no petrochemicals and a low carbon footprint
- ✓ Outstanding performance consistently delivered in oil extraction, while guaranteeing safety in industrial operations
- ✓ Efficient manufacturing of clean-label crude vegetable oils and protein-rich meals for both food & feed applications
- ✓ High-quality end-products, e.g. protein-rich meals used for animal feeding with high nutritional value and low oil content
- ✓ Breakthrough innovation process enabling a very low bio-solvent consumption and securing a competitive offering on the market

Industry-proven

Pilot trials and small-scale production on soy and pre-pressed canola with EcoXtract® demonstrate robust and trusted performance in oil extraction. EcoXtract® delivers equal or higher extraction yield when compared with hexane, the current industry standard.

In a continuous process including extraction, oil and meal desolventization and bio-solvent recovery, EcoXtract® provided a well defatted and desolventized meal containing <0,7% of residual oil and <15 ppm of residual bio-solvent - with continuously recycled bio-solvent, recovered by simple decantation of condensates.



For more information

Contact EcoXtract® team to learn more about this innovative solution.

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