BO Ukraine Sunoil Exports YoY

Ukraine + Russia control 75% global sunflower oil exports; war/sanctions disrupt to BO substitution premium.

David Stendahl · Market Lab Analytics · November 7, 2026

What this signal is

Ukraine + Russia control 75% global sunflower oil exports; war/sanctions disrupt to BO substitution premium. The composite is bounded between minus one and plus one through tanh. On 2021-09-16 it reached its series maximum plus 0.991 and on 2000-09-18 its series minimum minus 0.995. Today the composite reads near +0.48. See live page for current state.

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How the inputs compose

Ukraine + Russia control 75% global sunflower oil exports; war/sanctions disrupt to BO substitution premium. The engine also computes four confirming features: five-day velocity, 60-day volatility regime, 60-day correlation with soybean-oil returns, 63-day lag-1 autocorrelation.

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What the state-conditional returns have actually done

The soybean-oil forward-60-day return baseline (unconditional) is mean plus 1.54 percent, median plus 0.24 percent.

> **Reference baseline (8,989 soybean-oil-aligned forward-60-day windows over the live engine window)**
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> Soybean-oil forward-60-day return baseline: mean plus 1.54 percent, median plus 0.24 percent. Phase 0 source: Z1263 engine parquet joined with CBOT soybean-oil back-adjusted continuous closes.

Ukraine sunoil exports surging (Phase +1), 4,333 trading days, returned on average plus 0.50 percent.

Normal (Phase +0), 1,631 trading days, returned on average plus 2.21 percent.

Ukraine sunoil exports weak (Phase −1), 3,025 trading days, returned on average plus 0.21 percent.

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Three cases that frame how to read the signal

Case 1: 2021-09 composite series maximum

On 2021-09-16 the composite reached its series maximum plus 0.991. Soybean-oil subsequent 60-day behavior aligned with the ukraine sunoil exports surging regime pattern.

Case 2: 2000-09 composite series minimum

On 2000-09-18 the composite reached its series minimum minus 0.995. Soybean-oil subsequent 60-day behavior aligned with the ukraine sunoil exports weak regime pattern.

Case 3: May 2021 palm supply shock window

The May 2021 Malaysia palm labour crunch tightened global vegetable-oil balances; many soybean-oil signals revalued during the window.

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How to use the signal today

This is a regime detector on a 60-day forward horizon. Three best uses. First, as a regime filter for soybean-oil exposure (Phase +1 equals ukraine sunoil exports surging). Second, as a cross-check against price-momentum and vegetable-oil cross-market signals. Third, as a transition-window warning, pairing with price-based signals for conviction.

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Methodology notes

Ukraine + Russia control 75% global sunflower oil exports; war/sanctions disrupt to BO substitution premium. The 1990 start reflects the earliest reliable source coverage.

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What this signal does not cover

Four caveats. The signal is a regime detector, not a timing signal. State-conditional means hold on average, not for every individual window. Regime persistence varies with growing-season, biofuel-policy, and macroeconomic backdrop. Individual regime windows can run longer or shorter than mean sample. State-conditional edges are backward-looking empirical averages. Future regimes may differ. The baseline is CBOT soybean-oil back-adjusted continuous (BO_1210BD).

Not investment advice. Signal readings and empirical statistics are derived from publicly available data sources. (c) 2026 David Stendahl.