

StaSo – MSR-Technology (Multiple-Selective-Refining):

Estimation of the CO2 equivalents for StaSo products based on external analysis (2018) and internally updated calculations (2021), product and production related

	CO2-emissions, StaSo-oils CO2eq t/t	average CO2-emission, primarily refining CO2eq t/t *	CO2-savings on top through use of StaSo-oils CO2eq t/t	CO2-savings on top plus basic savings when using StaSo-oils CO2eq t/t **
Externally calculated, conservative, only based on StaSo I (transformer oil), 2018:	< 0,35	0,955	> 0,605	> 3,245
Internal, updated, only based on StaSo I (transformer oil), 2021:	0,128	0,955	0,827	3,467
Internal, updated, only based on StaSo SPR, StaSo Grundöl, StaSo MSR, 2021:	0,088	0,955	0,867	3,507
Internal, updated, based on total StaSo production, 2021:	0,099	0,955	0,856	3,496

*(based on ifeu-study, 2017,
https://bva-altoelrecycling.de/files/uploads/2017/10/ockobilanz_ifeu_2017.pdf)

** (mind: the recycling & re-refining of used oils means, that at least 2.64 t CO2 eq per t of product are saved compared to an otherwise incineration process)