

- LOPs form from continuous and discontinuous thermo-oxidation frying episodes of rice bran, cold press rapeseed, grape seed, and hemp seed oils.
- Overall, a 300 min continuous thermo-oxidation period gave rise to higher extents of peroxidative damage to oils than those observed at the 480 min time-point of the discontinuous thermo-oxidation process.
- At the end of the total thermo-oxidation period, continuous thermo-oxidation episodes produced greater chemical changes in the oils than the discontinuous thermo-oxidation.