## LOW-TEMPERATURE PROCESSING OF WASTE TYRES IN EXPERIMENTAL RETORT

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Testing of waste tyre chips (60-80~mm) in an experimental retort at the end of 1998 was successful. Descending of tyre particles along the retort occurred normc ally when practically dry coke was discharged. No soot formation was observed. Throughput rate of the retort was 660~kg tyres daily, oil yield -46~% (83~% of the Fischer Assay yield). The coke formed was reduced to small pieces, mostly down to 6.3~mm.

The coke formed has chemical and physical properties enabling to create a nonwaste technology for retorting waste tyres. Successful processing of tyre chips in the experimental retort should be followed by testing on industrial scale.