

# Intensification of Oil and Oil Product Heaters by Means of Auger Inserts

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## Abstract

© Published under licence by IOP Publishing Ltd. This paper discusses the approach of how to intensify the heat exchange processes under laminar flows of high-viscosity non-Newtonian fluids with the use of auger inserts. This approach of intensification refers to the methods of swirling the flow, which creates a rotational motion of the fluid throughout the entire duct cross-section being most relevant to the high-viscosity fluids.

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