

TECHNOLOGY OF WASTE INDUSTRIAL CATALYSTS REGENERATION HYDROTREATING AND TRANSPORTABLE TECHNOLOGY INSTALLATION



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OBJECTIVES

Reproduction of oil refining waste catalysts activity under mobile conditions without sending them to specialized enterprises

Nowadays duration of single-pass hydrotreatment catalysts lifespan of ecologically clean motor fuels lasts from six months to one and a half year. Qualified regeneration of these catalysts is possible only ex situ, i.e. with transporting deactivated catalyst from reactor to a special regeneration reactor and then to a special hydrotreating reactor. Qualified regeneration of these catalysts for the purpose of almost complete (up to 95 percent) recovery of their activity solves the problem of resource saving, extending their lifespan by 1.5-2 times. The use of a transportable installation for the regeneration of waste catalysts reduces the financial costs of oil refineries associated which suffer from stations downtime.

AREAS OF USE

Industrial Catalysis, Oil Refining



PECULIARITIES

Similar or complete analogues of this project are not available on the market.



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CORE COMPETENCIES

#OIL AND RENEWABLE FEEDSTOCKS PROCESSING TECHNOLOGY,
#CATALYSIS, #PETROCHEMISTRY, #HYDROPROCESSING
THERMODYNAMICS AND KINETICS

