

GIDRAVLIK EKSKAATORLARNI RIVOJLANISHINI TAHLIL QILISH

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ANNOTATSIYA

Ushbu maqolada gidravlik ekskavatorning dunyodagi va Respublikamizda ekspluatatsiyasi bugungi holatini tahlili ko'rib chiqigan. Gidravlik ekskavatorning ishlashini gidravlik sxemalari keltirilib, po'lat arqonli ekskavatorlardan ustunlik jihatlari tahlil qilingan. Bir hil hajimli kovushga ega po'lat arqon ekskavator va gidravlik ekskavatorni parametirlari solishtirma tahlili keltirilgan.

Kalit so'zlar: Gidravlik ekskavatorlar, po'lat arqonli ekskavatorlar, gidravlik sxema, gidravlik qisimlar.

ANALYSIS OF THE DEVELOPMENT OF GRAVITY EXCAVATORS

ABSTRACT

This article analyzes the current state of operation of a hydraulic excavator in the world and in our republic. The hydraulic schemes of the hydraulic excavator operation are presented and the aspects of the advantages of steel rope excavators are analyzed. A comparative analysis of the parameters of a steel rope excavator with a bucket of the same volume and a hydraulic excavator is presented.

Keywords: hydraulic excavators, steel rope excavators, hydraulic circuit, hydraulic sleeves.