UDC 621.43.016.4

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The corundum–coated pistons used for modernizing the diesel-locomotive shunters during scheduled overhauls allow us to prolong life of the cylinder-&-piston unit and to increase diesel effective power. The corundum-coated pistons installed onto the K68310DR diesel working surfaces for diesel-locomotive ЧМЭ-3 shunters allowed for the increase of effec-tive power by 160kW and higher in all modes of diesel opera-tion in comparison with the serial engine. Table 2. Il. 2. Bibli-ogr. 3 names.