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ANALYSIS OF CONE BITS SEALING SYSTEM

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Key words: cone bits; bit bearing; wear; durability; sealing system

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[1],
                                                                   [2].
                         Carlock Packing [3].
           Smith Tool Company (
                                                                         [4].
                                                            214–269
4 000 000
0,71
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№ 1, 2016 39

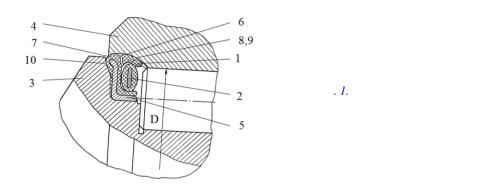
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, [5].

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, , , -[6], 1.



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3 70–75°. 3 10 -

7 1. 4 3. 1 -

3 4.
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1 4 3.
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70–75° 1. (. 2) [7]. . 2. 1, 2, 3 4. 5, 2 7. 90°. 2 S. R 6.

41

№ 1, 2016

α. [8]. [9]. [10].

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1.
                      , 1995.
                 2797067,
                            . 308 - 8.2.
                                              . 1957.
                 3381968,
                             . 277 - 95.
                                             . 1968.
                 2797067.
                                              . 1957
       . . 916737
                                         10/22; F 16 I 15/40.
                                               26.08.80:
                                                                . 30.03.82.
                                        10/22.
                                                                        . 07.02.83,
                             3294252/22-03;
                                                       27.05.81;
                   2019669.
                                                         26, 09, 90,
                    794154.
                                       10/22.
                                                        08.06.78.
         . 39159
                               10/22.
2004108407/22;
                          22.03.2004;
                                             . 20.07.2004,
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