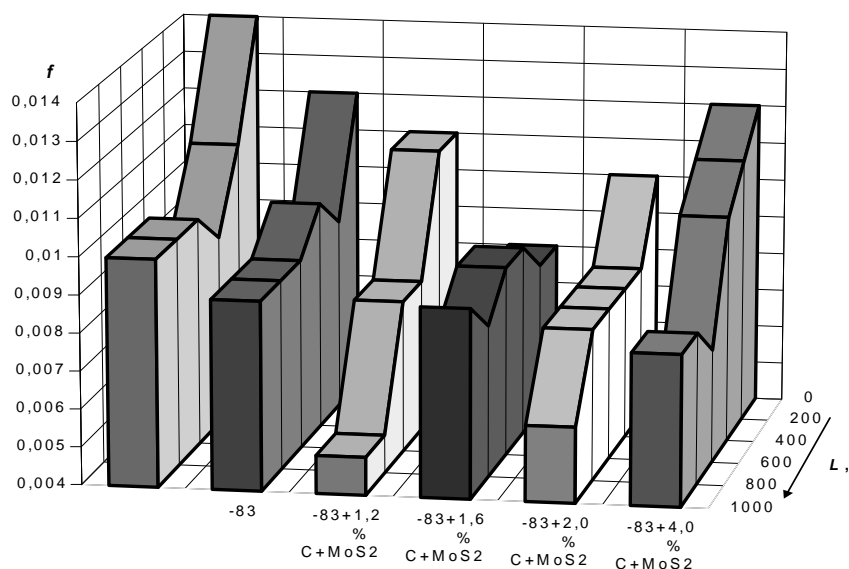


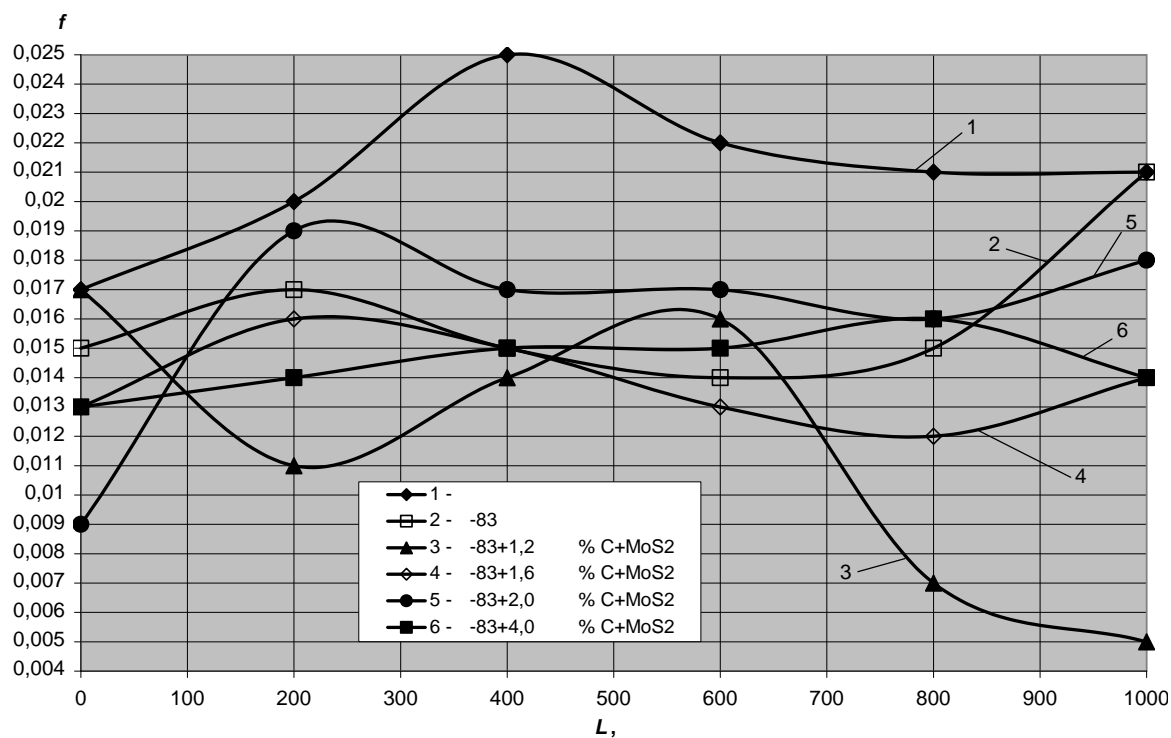
1. , 60 , 30 5- , f : $f = f_c - f$ [10]. . 2, 3. 2, 83 f MoS_2 f , f f (50 %) f (76 %) 1,2 . % MoS_2 - , MoS_2 , MoS_2 , MoS_2 , MoS_2 f (. 3) (. 2).



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MoS₂

83, f



. 3.

(1)

MoS₂ (

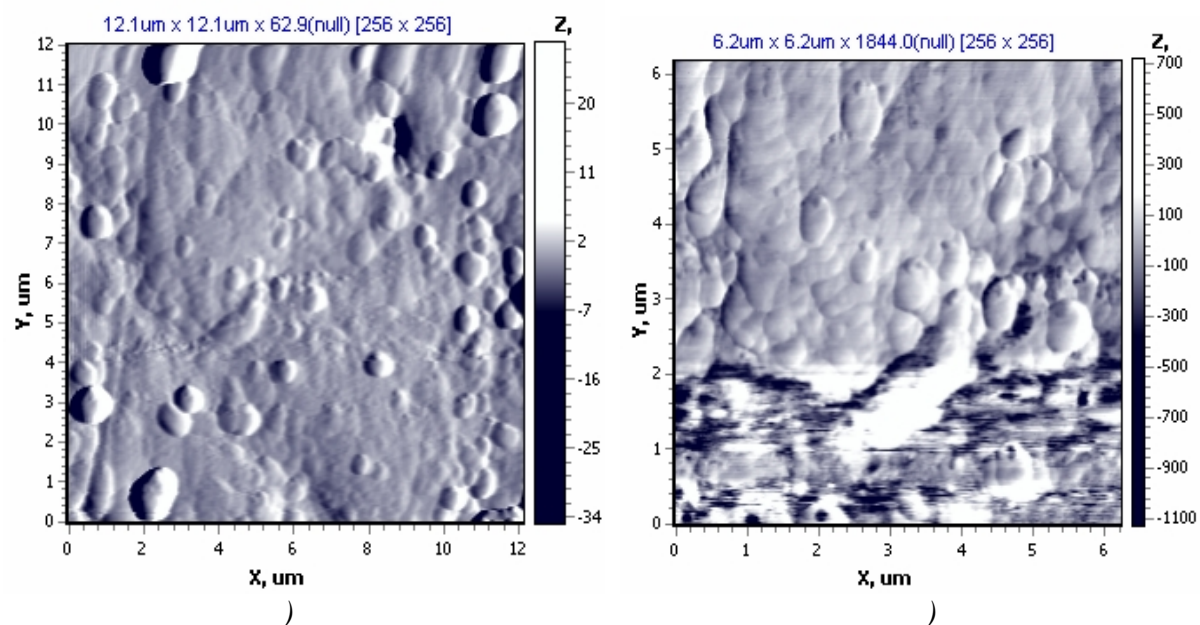
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4. 83+ $+MoS_2$ 1,2 . %
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 50 %, f – 76 %.



4. 83+ $+MoS_2$ () ()
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 1. . . 1 / . . .
 : , 1972. – 664 .
 2. , . . : . / . . . – 1- .
 , 2001. – 202 .
 3. / – :
 , 1983. – 76 .

4. : / . . [.]. – . : , 1977. – 24 . -
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/ . . // . – 1986. – 3. – . 21–22. -

**MA Levantsevich,
N. Maksimchenko, VN Kalac**
**RESEARCH OF THE INFLUENCE OF
COATINGS SMOOTH RUNNING MOBILE
TOOL UNITS**

As a result of tribological testing of coatings, made of babbitt B-83-doped solid lubricating materials and MoS₂, found that, compared with the sample uncoated, in conditions of unilateral rotation and the sliding speed of 0.06 m/s place has a positive effect coatings on the reduction of the dynamic friction FD and criteria against surges properties f . One-to the influence of concentration of alloying elements of C and MoS₂ this reduction is ambiguous. Studied coatings best results provided coating, formed from a donor, containing not more than 1.2 wt. % of alloying additives and MoS₂. By the end of the cycle of tests specified coverage has contributed to the reduction FD 50 %, and the F - 76 %

Key words: slide-ways, movable unit of metal-cutting equipment, cladding by flexible tool, antifrictional coating, babbitt 83

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83, -
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1,2 . % , MoS₂.
 f 50 %, f - 76 %
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83

15.05.2013 .