

: 1. . . . - ,
 1970. – 544 . 2. *N. Ilyoukha, W. Timofeeva* New alumina cements and the using its for nigh-temperature
 and building composites, 2003.

18.10.07

662.741

. . . , , ,
 . . . , “ ”

In the article results of study of processes, which run at overfloting of ceramic mass on the damaged heat-resistant laying and development of mixture, that provides the increase of efficiency of repair of the heat-resistant laying.

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[1 – 4].

, , -
 , -
 , .

[5 – 9].

:

-050-1

(80 . %) ().
(17 . %)

(80 . %) (),

(3 . %).

> 2000 °)

(, , , ,) .

12170-85 «

».

114 114 65

: 800, 1000, 1200 ° .

5402.1-2000 (2478-87) «
45 %.

30 30 60 .

1000 ° – 2 , 1000 ° 250 ° / , -

1 – 3 -

1

| / | | | | |
|---|-----------|-------------|-------------|-------------|
| | | 1 | 2 | 3 |
| 1 | , ° | 800 ± 2 | 1000 ± 2 | 1200 ± 2 |
| 2 | , ° | 269 ± 3 | 343 ± 3 | 411 ± 3 |
| 3 | , ° | 535 ± 2 | 672 ± 2 | 806 ± 2 |
| 4 | , / (*) | 1,33 ± 0,03 | 1,42 ± 0,03 | 1,50 ± 0,03 |
| 5 | 0,95, % | 2,3 | 2,1 | 2,0 |

2

| | | | | |
|--|-----|-------|-----|-----------|
| | , % | / 3 , | % , | , % |
| | 5,7 | 2110 | 2,7 | 0,1 – 0,2 |
| | 6,3 | 1980 | 3,4 | 0 – 0,1 |

3

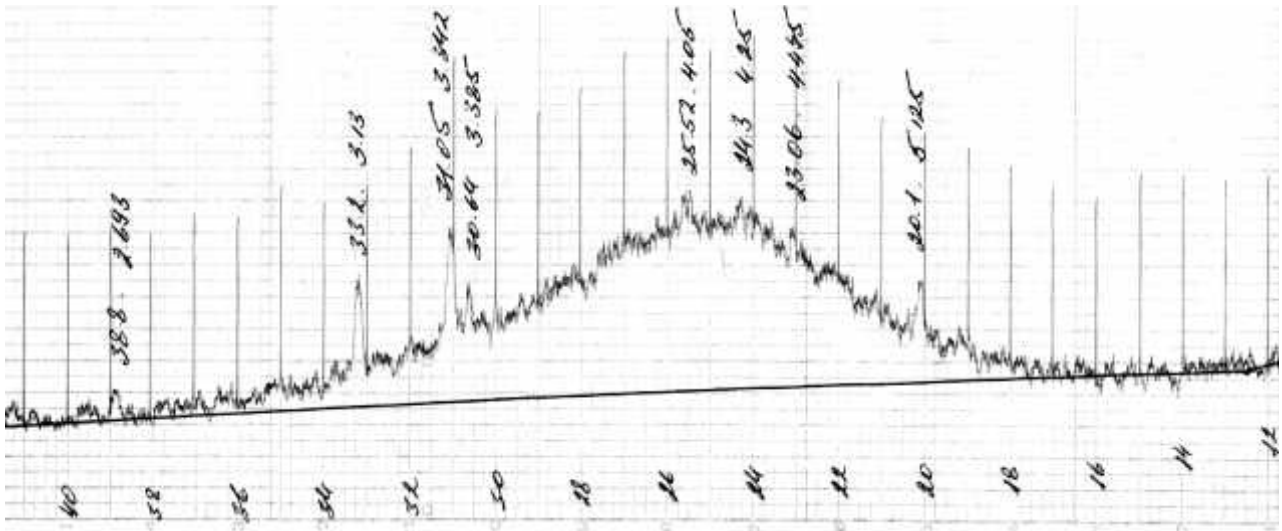
| / | | | | |
|---|-----------|-------------|-------------|-------------|
| | | 1 | 2 | 3 |
| 1 | , ° | 800 ± 2 | 1000 ± 2 | 1200 ± 2 |
| 2 | , ° | 235 ± 3 | 298 ± 3 | 379 ± 3 |
| 3 | , ° | 518 ± 1 | 649 ± 2 | 790 ± 3 |
| 4 | , / (*) | 1,06 ± 0,03 | 1,18 ± 0,03 | 1,23 ± 0,03 |
| 5 | 0,95, % | 2,3 | 2,1 | 2,0 |

- , 0,4 , 0,15 – 0,3 .

0,004 ÷ 0,01

0,02 ÷ 0,06

()



()

– SiO₂ –
 – Al₆Si₂O₁₃ – , – Si, – SiO₂ –

: 1.

– 2000. – 7. – 42. 2.

// . – 1997. – 8. – 47 – 51. 3.

– 12. – 11 – 16. 4.

5.

, 2004. – 483 . 6.

– 9. – . 18 – 20. **7.**
 . //

2006. – , 2006. – . 34 – 35. **8.**
 . // “ ”. – : “ ”. – 2006. – 44.
 – . 105 – 109. **9.**
 . // -
 : , 2006. – , 2006. – . 114.

23.10.07

665.73

. . . , , « »

In given article attempt to establish influence of various pollution on change of size of relative dielectric permeability of motor oil is undertaken. It is established, that in the greater degree pollution as soot of the particles, a cooling liquid, to a lesser degree particles of metal will influence. Diesel fuel practically does not render any influence on change of size of relative dielectric permeability of motor oil.

[1, 2]

Δv . -
 (-
), . , -
 , Δv . -
 Δv -
 .