

system with one slot by 3%, 3%, 3.6%, 3.8% . And 9%, 9.1%, 9.2%, 9.4% respectively for the drum brake system with three slots compared to the mean brake force of the drum brake without slots.

- The increase of the sliding speed from 50 r.p.m to 200 r.p.m with step 50 r.p.m at brake oil pressure 5 bar decreases the mean brake force of the drum brake system, the mean brake force of the drum brake system with one slot decrease approximately by 2.89%, 2.8%, 2.9%, 3% respectively compare to the mean brake force of the drum brake without slots.
- The increase of the sliding speed of values 50, 100, 150, 200 r.p.m decreases the mean friction coefficient of the drum brake system without slots and with slots. But at each speed the mean friction coefficient of the drum brake system without slots was higher than the mean friction coefficient of the drum brake system with slots.
- The final temperature of the drum brake system without slots and with slots increased with increasing the brake oil pressure. At each constant pressure of values 5, 10, 15, 20 bar and at sliding speed 50 r.p.m decreases the final temperature of the drum brake system with one slot by 4%, 3.3%, 4.2%, 3.4%. And 8.3%, 9.6%, 12.7%, 10.3% respectively for the drum brake system with three slots compared to the final temperature of the drum brake without slots.

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