



July 26, 2010

Vol.11, No.4

SOCHI PROJECT

RME232SE & RMP167SE, Sochi, Russia (Adler District)

BREAKTHROUGH!

Bamtonnelstroy has announced that their LOVAT RME232SE Series 14701 5.9m equipped with a rock Cuttinghead, completed its drive on May 28, 2010. The drive started at the South Portal of Tunnel Complex #1 and broke through at the North Portal.

The total tunnel length of 2,300 metres (1,664 rings) was successfully completed in 311 days. The record month was set in April 2010, boring 352m (251 rings). The second highest recorded month was in its initial stages of the drive achieving 301.2 metres (215 rings) in October 2009. The RME232SE encountered geology of sandstone and marl with a compressive strength of 50 MPa.



LOVAT RME232SE breakthrough



LOVAT RMP167SE breakthrough

The second breakthrough for Bamtonnelstroy was the LOVAT RMP167SE Series 24800 equipped with a rock Cuttinghead. It completed its 2,848m drive on June 5, 2010. The TBM began at South Portal of Tunnel Complex #5 and broke through at the North Portal.

The average advance rate was 14m per day. The record month was 400m per month, with a record advance rate of 25m per day. The RME167SE encountered geology of mudstone and sandstone with compressive strengths ranging from 40-60 MPa.

The TBMs were used for construction of utility/escape tunnels in conjunction with the larger tunnels, from Adler to Krasnaya Polyana in preparation for the 2014 winter Olympics.

www.lovat.com

© 2010 Lovat Inc.
Registered ISO 9001: 2000
Certificate No. 0020366

CAT, CATERPILLAR, LOVAT, their respective logos, "Caterpillar Yellow" and the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

LOVAT
A Caterpillar Company