

REPORTS
on commercial tests of XADO-technology

Based on the decision taken at the technical meeting at master mechanic's of Copper plant (report of proceedings of 24.04.2001) and according to the adopted test program, mechanical service of the drying workshop together with representatives of "Taimyr-resource" Ltd. carried out commercial tests of **XADO**-technology during May, 14-15, 2001.

1. Commercial tests were made at **load-haul-dump unit ST-2DR** by introducing reconditioning **XADO**-compound into engine P6L912B.
 - Specification figures before treatment of the engine (engine compression):
 - C1-13kg/sm²; C2-16 kg/sm²; C3-not measured;
 - C4-18 kg/sm²; C5-12 kg/sm²; C6-13 kg/sm²;
 - The engine was treated on May, 14, 2001, and then was working on idle during 12 hours.
 - Specification figures after treatment of the engine, taken on May, 14:
 - C1-18,5 kg/sm²; C2-19 kg/sm²; C3 not measured;
 - C4-19 kg/sm²; C5-16 kg/sm²; C6- 14 kg/sm².

Unwanted sounds during engine's operation almost vanished.

2. Results of XADO application:
 - Increase in compression rate (at sample measurements):
 - C1 by 42.3%; C2 by 18.7%; C3 not measured.
 - C4 by 5.6%; C5 by 33.3%; C6 by 7.7%.
 - Unwanted sounds during engine's operation almost vanished.
 3. Conclusions and propositions.
 4. Application of **XADO**-technology caused significant improvement of engine performance within short term. It gives grounds to consider the commercial tests as effective and to recommend manufacturing application of **XADO**-technology.
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