



REPORT ON TREATMENT RESULTS DATED 15.10.2003

GAZ-33027: transfer case noise eliminated without disassembly

SEID-Transavto LLC · approved by director R. S. Kuznetsov · chief mechanic P. V. Balukhtin · treatment performed by Arktik-Avto LLC, director I. V. Pavlov
Murmansk, Russia · report dated 15.10.2003, signatures and stamps of two organisations

PRODUCT	TREATED UNIT	DOCUMENT TYPE
XADO Revitalizant gel for gearboxes and final drives · one tube per unit	Transfer case of GAZ-33027 reg. no. O472VR 51 · vehicle in routine service	Report on treatment results signed by the customer and the contractor, sealed with stamps

EQUIPMENT	CONDITION BEFORE TREATMENT	WHAT WAS ASSESSED
GAZ-33027 vehicle, reg. no. O472VR 51	Noise in transfer case operation	Noise of the unit in operation — assessed by ear

The treatment was performed without disassembling the unit: the gel was added to the transfer case following the standard procedure for gearboxes and final drives.

What the treatment delivered

1tube

XADO gel for gearboxes and final drives per transfer case, without disassembling the unit

Objective and outcome

STAGE	ENTRY IN THE REPORT
Decision to treat	"Elimination of noise in the transfer case"
Treatment	Transfer case, XADO gel for gearboxes and final drives, one tube
Treatment result	"Noise in the operation of the transfer case was eliminated"

Noise was assessed by ear — the report contains no instrument measurement; the result is certified by the signatures of the customer and the contractor.

Conclusion of the report

The commission of SEID-Transavto LLC and Arktik-Avto LLC recorded in the "Treatment result" section: "Noise in the operation of the transfer case was eliminated". The treatment was prescribed specifically to eliminate the noise and was carried out with one tube of XADO gel for gearboxes and final drives — without disassembling the unit, without taking the vehicle out of service and without replacing any parts. Noise in a transfer case is a sign of wear in the gear mesh and bearings; its disappearance after the treatment means that the clearances in the unit have been reduced. The report contains no instrument measurement of noise, so the document shows not the magnitude of the effect but the fact itself: a unit that was noisy before the treatment runs quietly after it, and the signatures of two organisations stand behind this conclusion.

XADO

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The results relate to the transfer case of a GAZ-33027 vehicle in routine service; on other equipment and with a different condition of the unit the figures may differ. The noise assessment in the report is qualitative, no instrument measurement was carried out. The original report dated 15.10.2003 with signatures and stamps is published in full and available for download.