CNHTC and Allison Showcase HOVA60 Mining Vehicle

Allison-equipped CNHTC HOVA60 automatic mining dump trucks prove popular with operators who want to improve safety, operability and efficiency in difficult applications.

BEIJING, China – China National Heavy Duty Truck Group (CNHTC) Jinan Special Vehicle Company recently delivered 20 new HOVA60 automatic mining dump trucks to the Zijinshan Gold and Copper Mine in Fujian Province. Equipped with Allison 4500ORS_R automatic transmissions, these vehicles have become incredibly attractive within mining applications, and specifically with China’s largest producer of gold, the Zijin Mining Corporation.

Zijinshan mine is filled with steeply graded tracts and other challenging terrain, which makes it difficult for ordinary dump trucks to operate, especially under heavy loads. Recognizing these as common obstacles within a demanding application, CNHTC and Allison Transmission partnered to jointly develop the HOVA60 mining dump truck with the specific goals of improving safety, productivity, operability and efficiency, while reducing overall operation costs. Zijinshan mine personnel spent more than three years investigating and another year in testing, prior to purchasing the HOVA60 automatic dump trucks.

“Normally, trucks move every 10 seconds during loading, and the clutch is easily worn-out with a manual gearbox,” noted Rao Shihuang, equipment manager at the Zijinshan Gold and Copper Mine. “The Allison fully automatic transmission helps to avoid such problems by using a torque converter. With its unique integrated output retarder, the Allison transmission optimizes braking functions to ensure a smooth and safe ride down slopes, reducing brake heating and abrasion. While increasing safety, it also keeps down the maintenance costs.”

Vincent Yang, Senior Sales Manager of China Truck and Specialty Vehicles for Allison Transmission, emphasized that the Allison transmission converter multiplies engine torque at vehicle launch. Together with the planetary gears and advanced electronic control system, it guarantees uninterrupted power transfer during shifting, thus meeting customers’ critical demands for a maneuverable, safe and reliable vehicle, even while heavily loaded on steep slopes.
Allison has provided CNHTC with transmissions of outstanding reliability and functionality for years, also participating in CNHTC’s overall product research, development, promotion and sales processes. The cooperative relationship, which includes market exploration tactics, has been mutually beneficial. Allison fully automatic transmissions have been adopted in mining dump trucks, as well as terminal tractors and airport snow removal vehicles manufactured by CNHTC.

One of the most significant achievements of Allison and CNHTC’s joint initiatives to date, the fully automatic HOVA60 mining dump truck has become a prized tool at many mines. A significant volume of units were sold last year and market demand has grown.

Chen Hu, General Manager of CNHTC Jinan Special Vehicle Company, said, "Looking back over the past seven or eight years, we have enjoyed a very sincere, symbiotic relationship. For instance, the successful promotion of HOVA60 mining dump trucks is simply the result of joint efforts made by Allison and our sales team."

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**About Allison Transmission**

Allison Transmission is the world’s largest manufacturer of fully-automatic transmissions for medium- and heavy-duty commercial vehicles, medium- and heavy-tactical U.S. military vehicles and hybrid-propulsion systems for transit buses. Allison transmissions are used in a variety of applications including on-highway trucks (distribution, refuse, construction, fire and emergency), buses (primarily school and transit), motor homes, off-highway vehicles and equipment (primarily energy and mining) and military vehicles (wheeled and tracked). Founded in 1915, the Allison business is headquartered in Indianapolis, Indiana, U.S.A. and employs approximately 2,800 people. Allison has manufacturing facilities and customization centers located in China, The Netherlands, Brazil, India and Hungary. With a global presence, serving customers in North America, Europe, Asia, Australia, South America, and Africa, Allison also has more than 1,500 independent distributor and dealer locations worldwide. More information about Allison is available at [www.allisontransmission.com](http://www.allisontransmission.com).

This press release may contain forward-looking statements. All statements other than statements of historical fact contained in this press release are forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "expect," "plans," "project," "anticipate," "believe," "estimate," "predict," "intend," "forecast," "could," "potential," "continue" or the negative of these terms or other similar terms or phrases. Forward-looking statements are not guarantees of future performance and involve known and unknown risks. Factors which may cause the actual results to differ materially from those anticipated at the time the forward-looking statements are made include, but are not limited to: risks related to our substantial indebtedness; our participation in markets that are competitive; general economic and industry conditions; our ability to prepare for, respond to and successfully achieve our objectives relating to technological and market developments and changing customer needs; the failure of markets outside North America to increase adoption of fully-automatic transmissions; the discovery of...
defects in our products, resulting in delays in new model launches, recall campaigns and/or increased warranty costs and reduction in future sales or damage to our brand and reputation; the concentration of our net sales in our top five customers and the loss of any one of these; risks associated with our international operations; brand and reputational risks; our intention to pay dividends; and labor strikes, work stoppages or similar labor disputes, which could significantly disrupt our operations or those of our principal customers. Although we believe the expectations reflected in such forward-looking statements are based upon reasonable assumptions, we can give no assurance that the expectations will be attained or that any deviation will not be material. All information is as of the date of this press release, and we undertake no obligation to update any forward-looking statement to conform the statement to actual results or changes in expectations.

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Photographs

China National Heavy Duty Truck Group (CNHTC) Jinan Special Vehicle Company delivered 20 new HOVA60 mining dump trucks equipped with Allison 4500ORS_R automatic transmissions to the Zijinshan Gold and Copper Mine in Fujian Province on May 25.

CNHTC and Allison Transmission partnered to jointly develop the HOVA60 mining dump truck with the specific goals of improving safety, operability and efficiency, while reducing overall operation costs in highly demanding circumstances, such as those present in mining vocations.

The Allison transmission torque converter multiplies engine torque at vehicle launch. Together with the planetary gears and advanced electronic control system, it guarantees uninterrupted power transfer during shifting, thus meeting customers’ critical demands for a productive, maneuverable, safe and reliable vehicle, even while heavily loaded on steep slopes.