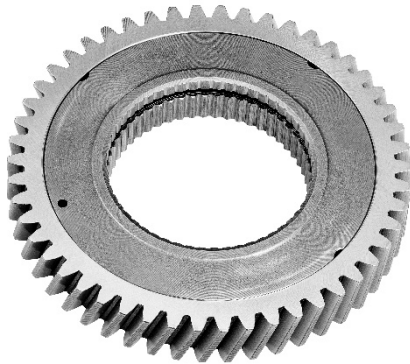
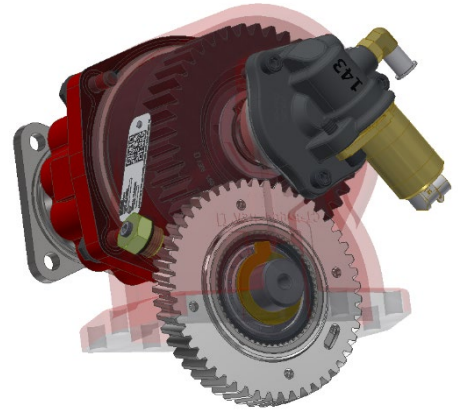


Quiet Gear™ Input Option for Allison Applications

Initially showcased at the 2018 NTEA Work Truck show, Parker Chelsea Products Division's patented Quiet Gear input assembly for Allison Transmission has eliminated gear rattle transferred through the Power Take-Off.

A global development project designed out of Chelsea's headquarters in Olive Branch, MS; Quiet Gear™ is a patent(s) pending solution to reduce gear rattle noise transmitted through the drive train (engine, transmission, etc.) when a PTO is not under load or engaged. With thousands of hours of tests both in a lab and in the field, the design does not affect durability or torque capacity of the PTO. Quiet Gear™ is an especially effective solution for PTOs installed in the Top Mount location of both Allison 3000 (MD) and 4000 (HD) series transmissions.



Multiple independent third-party tests have proven a reduction in NVH levels. Quiet Gear™ is available on Chelsea's 870 Series and 870-XL Series PTOs. The 870 platform has a torque capacity of up to 670 ft-lbs.

Quiet Gear™ is specified in Chelsea's descriptive model configurations as a "QT" input option (see attached example of 870 model configurator). Quiet Gear™ is available on all gear ratios for 870 Series and 870-XL Series PTO's.

Pricing is available on request (POR) and listed as such in the HY25-5020/US Price List.

If you have questions about this bulletin or other technical questions, contact us at:

US: Chelsea Customer/Technical Services **1-888-PH4-TRUK** (1-888-744-8785)
Europe: Parker Hannifin Europe +49 (0) 371 3937 157

A handwritten signature in black ink, appearing to read "Stephen Uszak".

Stephen Uszak
Product Manager
Chelsea Products Division
Motion Systems Group

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870 SERIES POWER TAKE-OFF SPECIFICATIONS AND TECHNICAL DATA

