

## RH Sheppard M-Series Steering Gears

Solving performance concerns regarding the M-Series  
Tetra Seal



Original 2-piece Tetra Seal



Engineered Ridged Tetra Seal

The current and previous revisions of tetra seals used in Sheppard M-Series steering gears have been known to prematurely fail, and are susceptible to collapse under sustained pressures, high flow rates, and rapid directional changes in fluid flow. This known failure can occur during bench testing after rebuild or worse-case, in the field directly impacting your end customer. A new engineered solution is now being brought to heavy duty steering remanufacturers by Freudenberg-NOK. Using the full depth of Freudenberg-NOK's engineering standards, materials and manufacturing, we now offer a true engineered solution to solve this problem.

The new tetra seal included in TransTec® kits incorporates a ridged design and high grade material that will perform through a broad temperature range. The ridged design and seal profile aligns with the bore and fluid flow path to reduce turbulence and eliminate the possibility for the seal to collapse or to become unseated which commonly results in leakage between the cylinder head/input housing and the main casting.

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