

New and improved multipurpose transmission



The Eaton synchronized 9-speed ES-11109 has been completely redesigned to improve reliability and provide longer service life. Whether you're hauling freight or dirt, this rugged transmission will meet your needs.



Proprietary synchronizer friction material (EFM-H) improves abuse resistance by more than 200%.

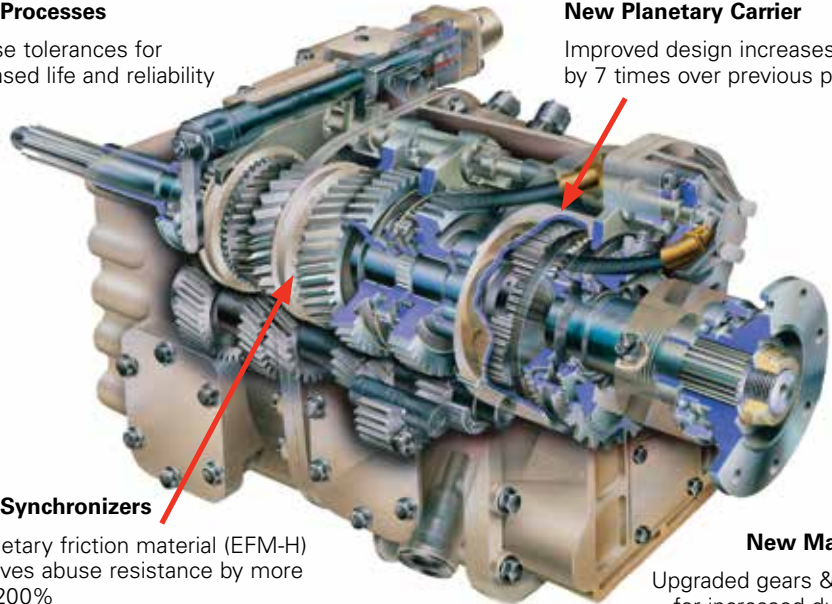
Significant improvements include:

New Processes

Precise tolerances for increased life and reliability

New Planetary Carrier

Improved design increases life by 7 times over previous product



New Synchronizers

Proprietary friction material (EFM-H) improves abuse resistance by more than 200%

New Materials

Upgraded gears & shafts for increased durability

Specifications:

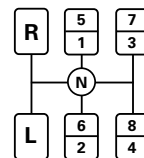
- Capacity: up to 1100 Nm
- Weight (less clutch housing and lube) [kg]: 183
- Length (measured from face of clutch housing to front real surface of companion flange or yoke) [mm]: 871
- Oil capacity [ltr]: Approx. 8.5
- PTO: Two SAE 6-bolt provisions
- Left front turns at 77% of engine
- Left rear turns at 47% of engine

Gears and Ratios:

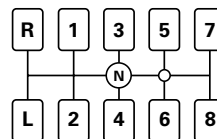
GEAR	RATIO
Reverse	13.21
Low	12.64
1st	8.81
2nd	6.55
3rd	4.77
4th	3.55
5th	2.48
6th	1.85
7th	1.34
8th	1.00

Shift Patterns:

Single H



Double H



Planetary carrier design improvements provide 7-times the service life over previous design.