

TECHNICAL BULLETIN – EATON TRANSMISSIONS SYNTHETIC LUBRICANTS

Continually evolving specifications in heavy duty truck transmissions has created the need for more specialised lubricants to effectively protect vital transmission components and also deliver fuel and efficiency savings to operator and the environment.

As outlined below, Eaton Corporation (Eaton Transmission OEM manufacturer) upgraded their original PS-164 Rev 7 specification in 2017. The new specification (PS-386) was engineered and tested specifically to provide optimum performance in Eaton transmissions and to provide for extended drain intervals and fuel economy gains.

Important Eaton Transmission Lubricant Update – January 2017

1. Lubricant specification PS-164 Rev 7 was replaced on January 1, 2017 by PS-386. All applications that required the use of PS-164 Rev 7 now require the use of PS-386.
2. OEM Production: All Major OEM's transitioned to the PS-386 approved lubricant in 2016.
3. Aftermarket: Eaton recognizes there was a transition period of the existing stock of PS-164 Rev 7. Both PS-164 Rev 7 and PS-386 can be mixed together: top-offs using either fluid is permitted.

Of particular note is the point that the change is to be made retrospective to ensure older transmissions are also able to benefit from the updated specification requirements.

The major difference between the specifications is the viscosity which has decreased from SAE 50 to SAE 40 and is now typically around 14.8cSt @ 100°C.

Please always consult our lube desk for the recommended products for your equipment.

<https://www.royallubricants.com.au/lubedesk/>

TECHNICAL DATA SHEET

<https://www.royallubricants.com.au/wp-content/uploads/2016/05/9429-Syngear-Road-Ranger-40.pdf>

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