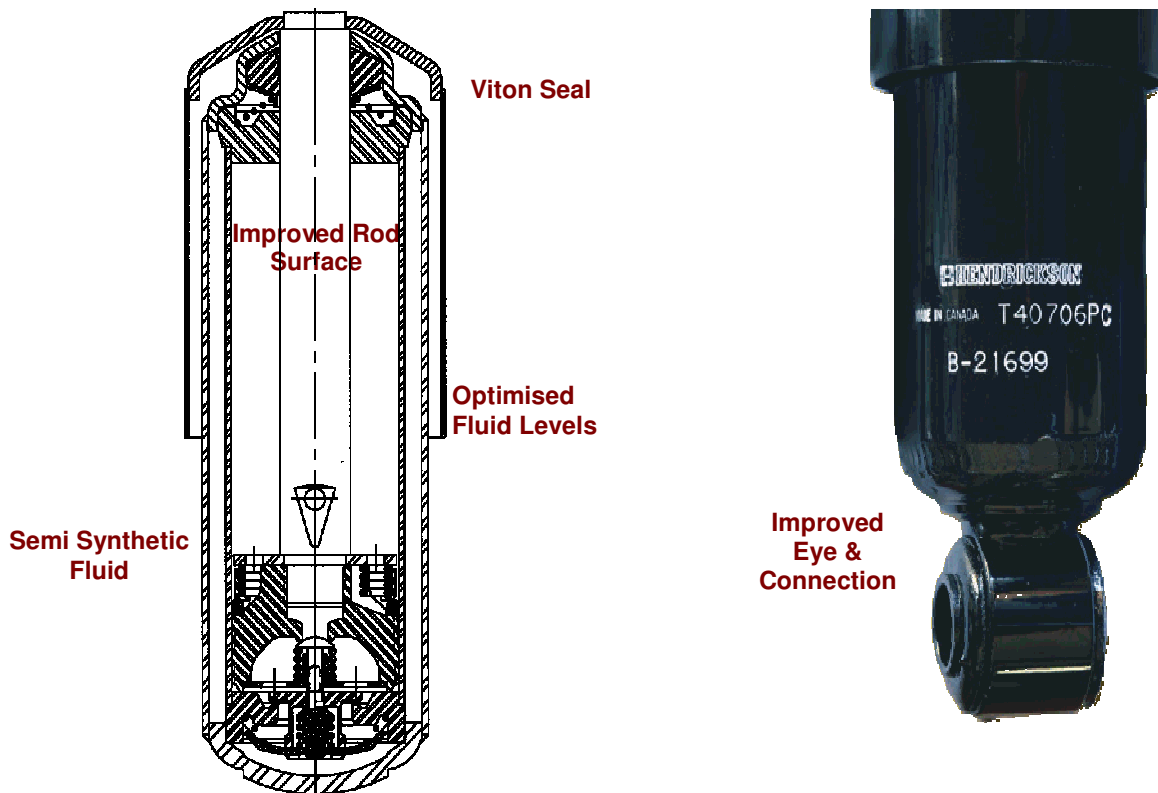


This document refers to products in the Asia Pacific region only

TECHNICAL BULLETIN

Trailer Shock Absorbers

No: 97117-127
Subject: *Improved Trailer Shock Absorber*
Date: January 2005 Revision: C



As part of our continuous product improvement program,

Hendrickson Asia Pacific wish to advise the availability of the Hendrickson Series 2 Shock Absorber for most trailer products

Warranty Period

The Hendrickson Series 2 Shock Absorber has a 3 Year unlimited kilometre **On Highway** warranty and 1 Year Unlimited Kilometre **On Highway** warranty on the bushes.

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The Manufacturing Improvements on the Series 2 Shock Absorber include:

1. Piston rod

The piston rod chrome surface condition is the major change to the series two Shock Absorber.

These include:

- Improved surface texture *to provide a better seal surface*
- Deeper case hardening *to improve the life of the rod*
- Improved surface hardness *to extend the wear life of the surface*
- Improved Chrome finish *to provide a better surface for the seal*
- Micro honed surface *to provide extend seal lip life*

2. Viton Seal

The Viton seal is designed to go the distance.

The Viton seal includes a Dirt lip plus 3 oil lips, It's a wedge design that is preloaded with a spring.

As the seal wears the loading spring pushes on the wedge this keeps the seal lip loading constant.

3. Semi-synthetic oil

The addition of semi synthetic oil extends the quality of the oil thereby extending the life.

The semi synthetic is more resistant to heat and contamination

4. Oil quantity

The oil quantity has been optimised to provide a better balance between cooling capacity and oil expansion capability for extended operating life.

A miniscule amount of oil is sacrificed to lubricate the seal lip.

This unit contains an additional oil reserve of 25% to ensure a long life performance.

5. Eye mounting

The Eye weld is annealed to provide more strength to resist the shocks which are imputed as a natural part of the operating process of the shock absorber

For further information contact Hendrickson Asia Pacific Pty Ltd

☎ 61 3 9767 3400 📠 61 3 9767 3495

or email

admin@hendrickson.com.au

Parts Reference

Part Number	Application
	Top Mount
S-20889	Standard
S-21699	Road Friendly

Part Number	Application
	Low Ride
S-24579	Standard
98583-010	Road Friendly