



KENWORTH TRUCKS

A DIVISION OF **PACCAR** AUSTRALIA PTY. LTD.

A.B.N. 43 004 669 667

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24 November 2022

TO WHOM IT MAY CONCERN

Reference: Kenworth VIN 6F5000000NA475892

The current applicable ratings for this vehicle as manufactured by Kenworth Trucks for on-highway permit controlled operations are:

Gross Train Combination Mass up to and including 115 tonnes and/or
Gross Vehicle Mass up to and including 28.10 tonnes
(Lesser of Component Gross Vehicle Mass up to 28.10 tonnes, or,
ADR 35 braking certification Gross Vehicle Mass of 28.2 tonnes)

The vehicle specifications as manufactured by Kenworth Trucks were as follows, shown with current applicable component ratings:

| | | | |
|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------|
| Model | : T659 | Date of Manufacture: | September 2022 |
| Engine | : Cummins X15 Euro V 600 - 615 | Governed rpm: | 2000 |
| Serial Number | : 80432102 | | |
| Max Power | : 459 kW @ 1800 rpm | | |
| Max Torque | : 2779 Nm @ 1200 rpm | | |
| Transmission | : Fuller RTLO22918B | | |
| Ratios | : 14.40 12.29 8.51 7.26 6.05 5.16 4.38 3.74 3.20 2.73 2.28 1.94 1.62 1.38 1.17 1.00 0.86 0.73 | | |
| Tailshaft | : Meritor RPL25 | | |
| Steer Axle | : Meritor MFS73LA | Rating: | 7300 kilograms |
| Steering Box | : TRW Ross TAS85 | Rating: | 8200 kilograms |
| Front Suspension | : Kenworth Leaf Spring 7.2t | Rating: | 7200 kilograms |
| Steer Tyres | : 385/65R22.5 | Rating: | 9000 kilograms |
| Steer Wheels/Rims | : 12.25 x 22.5 285PCD Alloy Wheels - Steer | Rating: | 9800 kilograms |
| Front Axle Assembly Rated Capacity: | | | 7200 kilograms |
| Drive Axles | : Meritor MT21-165GP | Rating: | 20900 kilograms |
| Drive Axle Ratio | : 4.30 | | |
| Rear Suspension | : Kenworth Airglide 460 Tandem, Steel | Rating: | 20900 kilograms |
| This airbag suspension system has been certified as Road-Friendly by the Federal Office of Road Safety (FORS). Certificate No. RF2012 | | | |
| Drive Tyres | : 11R22.5 | Rating: | 21800 kilograms |
| Drive Wheels/Rims | : 8.25 x 22.5 285PCD Alloy Wheels - Drive | Rating: | 26840 kilograms |
| Rear Axle Assembly Rated Capacity: | | | 20900 kilograms |
| Wheelbase | : 5450 mm | Chassis Section: | 273 x 89 x 9.5mm High Tensile Steel (with rear suspension insert only) |
| Rear Overhang | : 1370 mm | | |



The maximum recommended operating speed is 100 km/h, for which suitable tyres must be fitted. The maximum geared road speed of this vehicle at governed engine rpm is 123 km/h, with this vehicle Road Speed Limited to 100 km/h.

Fifth wheel mounting angles were fitted by Kenworth Trucks as original equipment, attached in accordance with Kenworth Engineering Specifications.

This vehicle was manufactured with an advanced braking/safety system, which included the functions of Electronic Stability Program/EBSS (ABS + Automatic Traction Control + Drag Torque Control).

This vehicle was manufactured with an ECER29 compliant cab structure. This vehicle was manufactured with a Front Underrun Protection System, in the style of a Temporary FUPS device. This vehicle was fitted with an Identification Plate (formerly known as the Compliance Plate) in accordance with ADR61. Compliance of the identified Category NC vehicle is confirmed by the Identification Plate Approval Number stamped at the top of the plate.

Individual ADR numbers are not required when an Approval Number is provided, excepting ADR64 (Roadtrains and/or B-Doubles). This compliance, if applicable, is shown on the Vehicle Plate.

At the time of manufacture, this truck was built complying with the requirements of a B-Double & Road Train

Please note that the above statements:

- do not affect the terms of any existing signed warranty agreement in respect of this Kenworth truck
- are not a separate warranty by Kenworth Trucks
- are not separate application approval for any specific use of this Kenworth truck.

No authorisation exists for other Engineering Signatories to rate or approve this original specification Kenworth truck above the ratings stated in this letter (Vehicle Standards Bulletin No.6, Section S).

Any modification made after manufacture must be approved under the National Code of Practise for Heavy Vehicle Modifications and if the above ratings do vary, be approved and plated by an Authorised Engineering Examiner.

The National Code of Practise for Heavy Vehicle Modifications (Part A, Section A, 4.4) stipulates that "requirements of the ADR's and original manufacturer's modification guidelines shall take precedence". As Kenworth Trucks offers a wide range of alternative manufacturer's original specifications, Kenworth Trucks can provide manufacturers ratings for most modifications (National Code of Practise for Heavy Vehicle Modifications, Section S1).

Yours faithfully,
KENWORTH TRUCKS

Chevinda Chevy Karunanayake
Application Engineer

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