



KENWORTH TRUCKS

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

A.B.N. 43 004 669 667

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20 April 2023

TO WHOM IT MAY CONCERN

Reference: Kenworth VIN 6F5000000PA477253

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 143 tonnes and/or
Gross Vehicle Mass up to and including 28.20 tonnes
(Lesser of Component Gross Vehicle Mass up to 28.20 tonnes, or,
ADR 35 braking certification Gross Vehicle Mass of 28.2 tonnes)

This GTCM rating is for roadtrain/low loader operations and is subject to the vehicle being fitted with appropriate fifth wheel, draw bar or other mechanical couplings, Refer ADR 63.

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

Model	: T659	Date of Manufacture:	April 2023
Engine	: Cummins X15 Euro V 550 - 578	Governed rpm:	2000
Serial Number	: 80485116		
Max Power	: 431 kW @ 1800 rpm		
Max Torque	: 2508 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	(including Steering) Rated Capacity:		7200 kilograms
Drive Axles	: Meritor RT52-185G	Rating:	23600 kilograms
Drive Axle Ratio	: 4.89		
Rear Suspension	: Kenworth KW6-60A 21t	Rating:	21000 kilograms
Drive Tyres	: 11R22.5	Rating:	32700 kilograms
Drive Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels - Drive	Rating:	40260 kilograms
	Rear Axle Assembly Rated Capacity:		21000 kilograms
Wheelbase	: 5500 mm	Chassis Section:	273 x 89 x 9.5mm High Tensile Steel (with full insert)
Rear Overhang	: 1420 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 108 km/h, with this vehicle Road Speed Limited to 100 km/h.

HOLLAND FW70 DF2 fifth wheel assembly (D-Rating 240 kN) and fifth wheel mounting angles were fitted by Kenworth Trucks as original equipment, attached in accordance with Kenworth Engineering Specifications.

This fifth wheel assembly was located at 0mm, relative to the rear axle group nominal centreline

This vehicle was manufactured with an advanced braking/safety system, which included the functions of Trailer Response Module\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

At the time of manufacture, this truck was built complying with the requirements of a 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

Matthew Banaszak

Applications Engineer

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