



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

A.B.N. 43 004 669 667

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23 December 2020



TO WHOM IT MAY CONCERN
Reference: Kenworth VIN 6F500000DA449811

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

Gross Train Combination Mass up to and including 132.0 tonnes
and/or
Gross Vehicle Mass up to and including 26.50 tonnes
(Lesser of Component Gross Vehicle Mass up to 27.40 tonnes, or,
ADR braking certification Gross Vehicle Mass of 26.5 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	: T409SAR	Date of Manufacture:	May 2013
Engine	: CUMMINS ISXe5 550	Governed rpm:	2000
	ADR80/03		
	S/N : 79636233		
Max Power	: 431 kW @ 1800 rpm		
Max Torque	: 2508 Nm @ 1200 rpm		
Transmission	: Fuller RTLO20918B		
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	: Spicer 1810		
Steer Axle	: Meritor MFS73LA	Rating:	7300 kilograms
Front Suspension	: Kenworth Leaf Spring 7.2t	Rating:	7200 kilograms
Steer Tyres	: 295/80R22.5	Rating:	6900 kilograms
Steer Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	6600 kilograms
	Front Axle Assembly Rated Capacity:		6600 kilograms
Drive Axles	: Dana D50-170	Rating:	22700 kilograms
Drive Axle Ratio	: 4.56		
Rear Suspension	: NEWAY AD 246/10	Rating:	20800 kilograms

This airbag suspension system has been certified as Road-Friendly by the Federal Office of Road Safety (FORS). Certificate No. RF2002



Drive Tyres	: 11R22.5	Rating:	21800 kilograms
Drive Wheels/Rims	: 8.25 x 22.5 285PCD Alloy Wheels	Rating:	26400 kilograms
		Rear Axle Assembly Rated Capacity:	20800 kilograms
Wheelbase	: 5470 mm	Chassis Section:	273 x 89 x 9.5mm High Tensile Steel (with full insert)
Rear Overhang	: 1450 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 was 116 km/h, 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.

Please note that the above statements :

- do not affect the terms of any existing warranty 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.

This vehicle was fitted with an Approved ADR Compliance Plate, in accordance with ADR61. Compliance of the identified Category NC vehicle is confirmed by the Approval Number stamped in the upper left corner of the plate.

Individual ADR numbers are no longer required to be identified where an Approval Number is provided, excepting ADR64 (Roadtrains and B-Doubles). This compliance, if applicable, is shown on the Vehicle Identification Plate.

This vehicle is certified to ADR64 for Road Train and/or B-Double prime mover use (State permit requirements may be greater than ADR64 standards).

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 to certified components made after manufacture must be approved by an authorised Engineering Signatory and may vary the above ratings.

VSB6 (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 (VSB6, Section S, Code S1).

Yours faithfully,
KENWORTH TRUCKS

Oliver Martin



Applications Engineer

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