

# Offroad Trucks Australia pty Ltd

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## The Service Tank Body CN 10KO - 7

Qty	Description
-	Bulk diesel tank
-	+ 5% for the expansion
-	+ 4 chambers for clean oils
1	Chamber for coolant
1	Chamber for water
1	Chamber for waste oil

The tank has a position for pneumatically operation grease drums and gun, in the basic version, the tank is constructed completely from stainless steel (in accordance with ADR 3 and 9 code LGBF. The tank body is constructed as a "firm body" to the chassis of a TATRA T815 28PR84-3460 (with wheel-base of 1650mm + 3460mm + 1450mm and the dimension after last rear axle is cca 1400mm).

### Tank description:

Qty	Description
-	The tank is made from <b>stainless steel</b> welded structure /material AISI 304/, tank shape – cover with transversal system of shell protection.
-	The body mounting is constructed with firm and flexible consoles on a steel frame from a material "Veldox" lacquered, with protective two-pack paint, it ensures a minimum transference of the mechanical stresses into the body shell from the chassis (with the assistance of a special counted templates called "silent blocks" supported on a special mounting). Dome tubes serves for protection of manhole fixtures, it creates drainage of overfilled product, the rain drainage.
-	An ascent ladder is connected to the grating (and transverses the grating). Amongst particular manholes and together with a safety adjustable railing, increase the crew security.

### Technical data:

Qty	Description
-	The Tank's geometric volume – 1 chamber (stainless steel) 10,000l 2 Chambered x wave – breaks (baffles)
4	Chambers for oils (geometrical volume) 4 x 1,000l
1	Chamber for waste oil (geometrical volume) 1,200l
1	Chamber for water (geometrical volume) 1,000l
1	Chamber for coolant (geometrical volume) 1,000l
-	Body unladen weight (from stainless steel) -according to technology 5,000 kg
-	Separate cleaning pressure pump for water, hose ¾"– 15m long – mechanically operated(15l p/min and 150 bar)

**Tank**

Qty	Description
-	Reels technology is located on the rear part of the tank body

**Diesel:**

Qty	Description
-	Standard flow from 60 to 480l p/min
-	The gun for filling trucks – from 60-120l p/min
-	The discharge nozzle which comes with wiggins quick fill, with regulation and capacity of 60-480 l p/min.
1	Low volume gun comes with hydraulically wound aluminium drum hose reel with 1" DN fitting – 15m long, automatically released pistol (flow max. 120 l p/min)
1	Hydraulically wound aluminium drum hose reel, grip with swivel 1½" hose – 15-m long, automatically released pistol grip 1½" including a swivel joint (flow max 300 l p/min)
-	Mechanical counter PRECIMA 500X with mechanical printer-maximum discharge capacity up to 480l p/min.
-	Unmeasured discharge and bottom loading – free outlet DN 2" – to connect WIGGINS Q06



**The Tank equipment:**

Entrance (manhole/s fixed by screws into the tank body), DN 500ft valve DN 100/100 FL safety valve and non-discharging fuse sensor for bottom loading control of foot valves – pneumatically operation



**Diesel Fuel Tank:**

Qty	Description
-	Bottom loading
-	Discharge through counter for two separate winders (smaller and bigger filling)
-	Re-pumping from one tank to the other one without using the "proper" tank

**Oils:**

Qty	Description
-	Hose reel 15m long ¾" hose – spring return
-	Pump – flow approx. 5-15l p/min

**Waste oil**

Qty	Description
-	Hose reel 15m long ½ " hose – spring return
-	Rotary Pump for emptying and suction (flow 20l p/min)

**Water**

Qty	Description
-	Hose reel 15m long - spring return – max flow is 120l p/min (3 bar).

**Coolant**

Qty	Description
-	Hose reel 15m long ½ " hose – spring return
-	Orientation gauge meter on gun for filling
-	Pump – flow approx 5-15l p/min

**Pressure grease operated**

Platform dimension (1400mm x 1000mm x 400mm) grease pressure equipment is operated by a pneumatic system. Compressor will power from the hydraulic system (mounted at output on the gearbox in the chassis, P.T.O.). The hose reel and drum with 15m hose and gun for filling is situated at rear of body.

**Additional Standard Equipment:**

Qty	Description
-	Fire extinguisher box including 9kg extinguisher/s, footbridge for service under all hose reels, trough with capped connection for discharge to the waste oil tank (1x foam extinguisher and 1x ABE extinguisher)
-	Hydraulic circuit including pump 35l p/min 160 bar for operating the following : <ul style="list-style-type: none"> <li>• Hose reel for diesel</li> <li>• Hydraulic power for diesel pump</li> <li>• Hydraulic power for compressor (compressor has capacity – 100 PSI/approx 8.1 bars)</li> <li>• Hydraulic power for rotary pump to empty and fill waste oil</li> </ul>
-	Barrier against vehicle side-impact

-	Plastic mudguards
-	Retractable doors –in rear and left side of tank body
-	Stainless steel ladder located on the top inside of tank
-	Beacons as required
1	Grounding cable – 15m
-	Working lights in the work area
-	Largest tank area is pressure tested at the factory TÜV CZ s.r.o. (the testing of tank bodies comply to norm ADR - operation instructions and technical instructions)
-	All work lights for night shift (including in-rear cupboard). 4x standard, extra if required
-	Advanced first aid kit
-	All tanks and reels sign written as required
-	Filter cupboards
-	Emergency stop for truck as all pumps are PTO driven from truck
-	Reversing beeper

Special equipment for Australia:

- security frame welded on top tank (ROPS) fitted according to documents from MINES Depart
- homologation will be realised in company Offroad trucks Australia PTY LTD – pass standard AS 2294.2

Chassis requirements:

Minimum chassis effective weight – 22 000kg Dependent or independent outlet from P.T.O. for pump mounting - gear ration approx 1:1, connection to flange 80mm x 80mm, Mk = cca 540 Nm (in case of different gear ratio, parameters of the hydraulic circuit must be changed), speed control on P.T.O. – revolution control. Adjustment turn for PTO (hand gas for possible to adjustment gas separate in superstructures)

Wheel base – 1650mm + 3460mm + 1450mm, dimension after last rear axle approx 1400mm.

**Options:**

Qty	Description
1	Telma Electro Retarder (Telma F3000 Serial No. 80300, Code DN312100). <b>Also works when truck is in neutral.</b> (43 tonne rating)
-	Jump start facility
-	Reverse monitor alarm
-	Extra fire extinguisher if required
-	Lights on facility

**OFFROAD TRUCKS AUSTRALIA PTY LTD ensures the following:**

**That the complete truck TATRA 815 8x8 with mounted superstructure of the service tank CN 10KO - 7 will be homologated in accordance with Australian Transport Ministry.**

Optional equipment:

- gun with litre counter for filling clean oils
- electronic counter with compensation temperature in 15°C for loading and discharging diesel – ensuring absolutely correct measuring



