



Chassis serial number: 5433773

Chassis type: R 450 LA4x2MNA

| General information | | | |
|------------------------------|-------------------|-------------------------------|------------|
| VIN-code | YS2R4X20005433773 | Factory warranty, valid until | 2017-09-01 |
| FactoryWarrantyInfo | | Start-up date | 2016-09-01 |
| Invoice date | 2016-06-29 | Assembly date | 2016-06-17 |
| Crankshaft assembly date | 2016-06-17 | Current distributor, country | NL |
| Current distributor, number | 61031 | Ordering distributor, country | NL |
| Ordering distributor, number | 61031 | Local dealer, number | None |
| Gross laden train weight | 21 | Order Number | 0438164 |
| Order type | A | Delivery mode | CBU |
| Status | To enduser | Scrap date | None |
| POP-ID | 89-1449 | | |

| 00 General | | | |
|-------------------------------|---------------------|--------------------------------|-----------|
| Assembly level | Completely Build Up | Product class | Truck |
| Development level | 5 | Wheel configuration certified | 4x2 |
| Front wheel drive | no | Axle distance | 3700 mm |
| Steering wheel position | left hand | Chassis width | 2600 mm |
| Chassis adaptation | articulated | Truck model | R |
| Type of transport | L | Duty class | M |
| Chassis height | normal | Operator´s manual language | Dutch |
| Operator´s man extra language | Without | Plate language | english |
| Axle weight front technical | 8000 kg | Axle load rear, technical | 13000 kg |
| Technical total weight | 21000 kg | Technical max axle weight 1st | 8000 kg |
| Technical weight on 2nd axle | 13000 kg | Technical weight on 3rd axle | not valid |
| Technical weight on 4th axle | not valid | Technical weight on fifth axle | not valid |
| Legal weight front axle | 8000 kg | Legal weight 1st rear axle | 11500 kg |
| Legal weight 2ND rear | Without | Legal GVW | 19500 kg |
| Gross vehicle weight, legal | 19001-19500 kg | GTW Technical | 50000 kg |
| Gross train weight, technical | 49001-50000 kg | GTW Legal | 50000 kg |
| GTW acc to EC/2007/46 | 65000 kg | Preparation for toll collect | with |

| 01 Engine | | | |
|--|-----------------|----------------------------------|--------------------------|
| Engine stroke volume | 13 litres | Power code | 450hp |
| Engine type, vehicle | DC13 147/450 hp | Engine type symbol | DC13 147 L01 |
| Engine serial number | 6957134 | Cylinder block generation | 2 |
| Engine speed limit with low oil pressure | Without | EGR system | without |
| EGR cooling | not valid | Emission level | Euro 6 |
| Engine management system | S8 | NOx control | with |
| Torque reduction NOx-control | with | Power Take-Off ED | Prepared |
| PTO ED eJectrical preparation | with 1 circuit | Turbocharger duty class | special |
| Precleaner air intake | Without | Air intake | front, normal |
| Air cleaner engine fire-resistant | without | Air intake throttle control type | electric |
| Air filter clogged indicator | electronic | Noise suppression | 80 dBA acc to 70/157/EEC |
| Noise encapsulation engine | with absorbents | Crankcase vent. antifreeze | without |
| Crankcase ventilation type | open | Oil level sensor engine | with temperature sensor |
| Oil level sensor monitoring | with | Oil sump material | plastic |
| Oil quality engine | Scania LDF-3 | Powertrain oil type | normal |
| Air cleaner safety filter | Without | Air cleaner engine, paper area | 13 m2 |
| Air intake throttle engine | with | | |

| 02 Cooling System | | | |
|---------------------------|--------|-----------------------|-----------------|
| Radiator area | 99 dm2 | Fan control | electronic |
| Charge air cooler curtain | with | Fan, driving | crankshaft assy |
| Fan, diameter | 750 mm | Fan blade quantity | 11 |
| Fan, gear ratio | 1:1 | Coolant pump flow | 390 dm3/min |
| Coolant temp high level | 115 C | Temperature regulator | 89 degrees |

| 03 Fuel And Exhaust Systems | | | |
|---|-------------|--|--------------------|
| Fuel | diesel | Fuel alternative diesel adaptation | without |
| Injection system | common rail | CAN-bus speed red/yellow/green | 500/250/250 kbit/s |
| Fuel tank | both sides | Fuel volume, right side | 500 dm3 |
| Fuel volume, left side | 750 dm3 | Fuel tank sectional area left-hand side | extra wide |
| Fuel tank sectional area right-hand side | extra wide | Fuel tank material | aluminium |
| Selective Catalytic Reduction | with | SCR reductant tank volume outside frame right-h and side | 80 dm3 |
| SCR reductant tank volume outside frame left-ha nd side | without | SCR reductant tank volume under frame left-han d side | without |



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| SCR heating system | with | SCR catalytic converter volume | 29,8 dm3 |
| Oxicat interchangeability | With | Fuel heater | with |
| Fuel tank location | normal | Fuel filter chassis mounted | without |
| Fuel splash protection | with | Exhaust outlet, direction | backwards |
| Exhaust silencer execution | compact | Silencer length | 623 mm |
| Exhaust silencer heat cover | Normal | DPF particulate filter | with |
| Particulate filter sensor | with | DPF exhaust flow type | full filter |
| DPF differential pressure sensor position | generation 2 | | |

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|----------------------|-----------|-------------------------|---------|
| 04 Clutch | | | |
| Clutch, frictiontype | K432 48 | Clutch wear protection | without |
| Clutch system | automatic | Clutch overload warning | Without |
| Torque converter | Without | | |

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|---|----------------------|---------------------------------------|-----------------------------|
| 05 Gearbox | | | |
| Gearbox | GRS895R | Gearbox serial number | 1413451 |
| Gearbox oil temperature warning level | without | Gearbox management system | TMS |
| Transmission management system | TMS1 | Opticruise | with |
| Starter interlock gearselector | with | Overdrive | Without |
| Ecocruise | Without | Acceleration control | without |
| Performance modes | economy, standard | Manual gear change limitation | with |
| Economy mode speed reduction | 4 km/h | Cruise control with active prediction | with |
| Eco-roll | with | Road data registration | road data deviation storage |
| Kick down signal | with | Gear shift control electronic | Opticruise |
| Gearbox type | with range and split | Automatic neutral gear | without |
| Gear selector position | steering wheel | Transmission sensor constant | 10 |
| Oil level gearbox | Normal | Oil cooling for gearbox | with |
| Refrigerant oil cooler gearbox | Refrigerant liquid | Retarder | Scania |
| Retarder system | TMS | Retarder type | R3500 |
| PTO EG side | Without | PTO EG right-hand side | without |
| PTO EG left-hand side | without | PTO EG rear | Without |
| PTO EG rear | without | PTO EG number of connection rear | Without |
| PTO EG electrical preparation | 1 connection | PTO EG control total quantity | 1 |
| PTO top mounting for automatic gearbox | Without | PTO EG top | without |
| PTO left hand side mounting for automatic gearbox | Without | Power take-off for clutch connection | without |
| Power take-off gear independent | without | PTO transfer case el. prep. | Without |
| PTO split shaft el. prep. | without | Noise encapsulation gearbox | without |
| Noise shield gearbox | With | | |

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|---------------------------------------|------|-------------------------------------|---------|
| 06 Propeller Shaft | | | |
| Propeller shaft type | P500 | Propeller shaft length to rear axle | 1490 mm |
| Propeller shaft intermediate quantity | 0 | | |

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| 07 Front Axle | |
| Front axle, type | AM950 |

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|---------------------------|---------|-------------------------|---------|
| 08 Rear Axle | | | |
| Rear axle, type | ADA1303 | Oil filter rear axle | with |
| Axle gear type, rear axle | R780 | Rear axle serial number | 2571032 |
| Rear axle gear ratio | 2,71 | Differential lock | with |
| Hub reduction, rear | without | Tag axle preparation | Without |

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| 09 Hubs And Wheels | | | |
| Wheel, type | disc | Rim material | steel |
| Rim type front axle | 22.5x11.75 steel | Rim type rear axle | 22.5x9.00 steel |
| Rim type spare wheel | without | Rim diameter front axle | 22.5 |
| Rim diameter rear axle | 22.5 | Rim diameter spare wheel | without |
| Rim width front axle | 11.75 | Rim width rear axle | 9.00 |
| Rim width spare wheel | without | Tyre dimension front axle | 385/65 R22.5 |
| Tyre dimension rear axle | 315/70 R22.5 | Tyre dimension spare wheel | without |
| Tyre type front axle | 385/65R22.5 R S CO | Tyre type rear axle | 315/70R22.5 R D CO |
| Tyre pattern type front axle | Steer | Tyre pattern type rear axle | Drive |
| Tyre category front axle | Regional | Tyre category rear axle | Regional |
| Tyre calculated rolling radius front | group C= 525 mm | Tyre calculated rolling radius drive | group E= 485 mm |



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| Tyre rolling circumference driven rear axle | 3108 mm | Front axle tyre rolling circumference | 3248 mm |
| Drive tyre rolling circumference | 3093 mm | Tyre supplier front axle | Continental |
| Tyre supplier rear axle | Continental | Tyre speed index front axle | K= max. 110 km/h |
| Tyre additional speed index front axle | without | Tyre load index front axle | 164 |
| Tyre additional load index front axle | without | Tyre load index rear axle | 150 |
| Tyre pressure monitoring | without | | |

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|-----------------------------------|----------------------|---------------------------------|----------------|
| 10 Brakes | | | |
| White smoke limiter | Without | Wheel brake | disc |
| Brake control | electronic | Hill hold | With |
| Brake category | AB | Brake caliper supplier | Meritor |
| Brake chamber type 1st front axle | membrane + spring | Brake chamber area, 1st front | 24 In2 |
| Brake chamber type 1st rear axle | membrane+spring | Brake chamber area 1st rear | 24 In2 |
| ABS/EBS system | 4S/4M | Brake management system | EBSS |
| Advanced emergency braking | With | Air Processing System | air management |
| Compressor manufacture | Wabco 636 | Compressor clutch | With |
| Interlock valve parking brake | Without | Secondary brake valve | without |
| TCM, Trailer Control Module | With | Trailer brake connection | without |
| Coiled hose FFU | Compact coil ISO | Disengaging parking brake front | without |
| Trailer connector bracket | behind cab | Trailer brake coupling | with |
| Trailer hand control valve | without | Exhaust brake | with |
| Exhaust brake control | manual and automatic | Retarder | Scania |
| Retarder system | TMS | Retarder type | R3500 |
| Air tank volume, front | 28,8L | Air tank volume, rear | 28,8+20L |
| Air tank volume, extra | Without | Air tanks, rubber spacer | Without |

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| 11 Frame | | | |
| Frame, type | F800 | Frame reinforcement | without |
| Frame material, yield strength | 500 N/mm2 | Chassis colour | Sub grey |
| Chassis front end width | 1140 mm | Frame reinforcement crossmember rear suspension | without |
| Frame side member rear end | M | Bumper position | low bumper |
| Bumper protruding | Without | FUP directive | with height requirements |
| Underrun beam according to AR regulation | without | Lateral protection | without |

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| 12 Suspension | | | |
| Suspension type designation | A | Suspension system front | leaf |
| Leaf suspension type front | parabolic | Spring bushing material front | steel |
| Suspension front leaf springs | 3x29 | Shock absorber first front axle heavy duty | without |
| Shock absorber pos 1st fr axle | forward | Suspension system rear | air |
| Air suspension rear type | 2-spring | Level adjustment speed | fast |
| Level adj extra air tank | without | Level adjustment control truck/trailer | truck |
| Alternative predefined chassis levels | 1 extra drive + 2 memory | Trailer tag axle lift manoeuvring | With |
| Axle load display | Rear | Level adjustment remote control body builder | Without |
| Bogie designation, type | not valid | Anti-roll bar type front | solid |
| Anti-roll bar, front | normal stiffness | | |

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|---------------------------|---------|------------------------------------|-----------------|
| 13 Steering | | | |
| Steering gear execution | ZF 8098 | Steering gear serial number | 155346 |
| Steering gear ratio | 17-20:1 | Steering system | 1-circuit |
| Hydraulic pump, make | LUK | Hydraulic pump flow | 16 litre/minute |
| Hydraulic pump pressure | 170 bar | Steering force 70/311/EEC | Yes |
| Air bag in steering wheel | without | Steering wheel type | basic |
| Adjustable steering wheel | with | Steering wheel switches generation | 2 |
| Alco lock | without | Immobiliser | with |

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|--------------------|---------|---------------------|---------|
| 14 Engine Control | | | |
| Speed limiter | With | Speed limitation | 85 km/h |
| Speed limit second | 30 km/h | Speed limiter third | without |

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| 16 Electrical System | | | |
| Coordinator system | COO7 | Alternator charge | 100 A |
| Battery | Dual battery system | Battery system type | dual |
| Battery position | left hand side | Battery container size | D |
| Battery box execution | Batt syst type dual | Battery master switch | without |



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| Batt master switch manoeuvring | Without | Headlamp type | H7 |
| Headlamp asymmetry | right hand | Visibility system environment | 3 |
| Head lamp protection | without | Headlamp cleaning | without |
| Headlamp high located | without | Headlamp levelling | With |
| Taillamp position | on bracket | Taillamp type | LED |
| Hazard warning lamp rear | without | Side marker lamps | finally mounted |
| Dipped beam inclination angle | 1 % | Spot lamp in ext. sun visor | with |
| Spot lamp in bumper | With | Spot lamp on aux lamp bar | Without |
| Visibility system | CUV2 Basic | Daytime running light | with |
| Daytime running light function | with LED DRL + position lamps | End outline marker lamp | white |
| Reflector rear according to ECE-R70 | without | Fog lamp front | with |
| Foglamp, rear | With | Fifth wheel lighting | white light |
| Working lamp on rear wall cab top | without | Working lamp side below cab | without |
| Working lamp rear end | without | Beacon | without |
| Signal horn | compressed air | Reverse alarm | with disabling |
| Brake pressure lamp test | without | Trailer electric coil cable | 15 to 15 + 15 to 2x7 pole |
| Trailer electric connector | 1x15 pole | Electric engine heater | without |
| ADR vehicle designation | without | Electric cables ADR type | Without |
| Electrical components ground | chassis grounded | Forward looking camera | FLC1 |
| Distance sensor System | DJS2 | Bodywork Communication Interface | With |
| BWE control unit | With | BWE expansion unit quantity | Without |
| Remote contr engine start | without | Cable harness additional switches | without |
| Cable harness for bodybuilder | without | Cable harness for bodybuilder frame | without |
| Cable harness for bodybuilder roof | with | Battery connection bodybuilder | With |
| Direction indicator activation | 2 bulbs front | ESP Electr.Stability Programme | with, disabling |

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|------------------------------|--------------------|---------------------------------|---------------------|
| 17 Instruments | | | |
| Tachograph | digital STONERIDGE | Tachograph data upload | With |
| Instrument cluster | Colour km/h | Cruise control switches | steering wheel |
| Driver identification | Without | Adaptive Cruise control | with |
| Language data file SW | 15 | Scania lane departure warning | with |
| Map data | Western Europe | Engine hour meter | without |
| Instrument panel | long curved | Instrument panel colour | black/grey |
| Instr panel decorative strip | dark grey | Instrument panel passenger side | with table and lid |
| Bodywork info in ICL | With | FMS preparation | gateway (interface) |
| Communicator | C200 complete | | |

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|---------------------------------------|-----------------------------|--|------------------------|
| 18 Cab | | | |
| Cab type | CR | Cab length | 19 dm |
| Roof height | high (Topline) | Cab serial number | 5433773 |
| Cab colour | White Ivory | Clear varnish | without |
| Grille colour | silver brilliant | Boarding step to chassis LH | without |
| Boarding step front, foldable | Without | Ladder | without |
| Step body side | without | Windscreen | tinted |
| Window, rear wall | without | Window side | without |
| Window winder door | electrical driver+pass.side | Sun visor driver door | blind |
| Door panel | plastic | Air conditioning | with |
| Auxiliary heating | air to air 2kW | Climate system control | automatic |
| HVAC system configuration | edition 2 | Cab socket 230V | without |
| Cab suspension | 4-point air sprunged | Cab tilting | mechanical |
| Roof hatch | electric | Mosquito net in roof | without |
| Central locking and alarm | remote locking | Frequency remote lock | 433 MHz |
| Number of keys/remotes | two | Roof rail | without |
| Roof rack | Without | Air defl., delivery procedure | mounted |
| Extended side air deflector | widen + lower | Seat upper backrest adjustable driver | With |
| Seat ventilation driver side | Without | Upholstery seat driver | vinyl + knitted |
| Seat category driver side | premium | Heating pad driver | without |
| Adjustable shock absorber driver side | with | Arm rest driver | with |
| Arm rest passenger | without | Seating equipment, passenger | seat |
| Seat category passenger side | medium | Seat upper backrest adjustable passenger | Without |
| Seat ventilation passenger side | Without | Adjustable shock absorber passenger side | with |
| Upholstery seat passenger | vinyl+knitted | Heating pad passenger | without |
| Red coloured seat belts | without | Warning signal uncon.seat belt | lamp and audio signals |
| Seat belt pretensioner | without | Bed lower overall width | 700-900mm extendable |
| Bed upper | width 700mm | Bed mattress upper | LFK brown |
| Bed carrier material | Plastic | Bed safety net | with |
| Passenger bench | without | Radio | premium |



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| Information switch | Steering wheel | Mobile telephone preparation | without |
| Bluetooth | with | 12V socket in dashboard | with |
| Audio system | AUS3 | CB radio | Prepared |
| Horn, compressed air | Without | Splash guard, front | with |
| Front mudguard, execution | in two pieces | Bulk cargo fenders, front | Without |
| Mudflap rear | with | Mudguard rear | with |
| Rear mudguard, execution | middle top | Rear mudguard type | injected plastic |
| Splash guard rear material | plastic | Rear mudguard FFU | low on drive axle |
| Spray-suppression according to EU 109/2011 | With | Wheel housing | normal |
| Mirror type | with air deflector | Frontview mirror | With |
| Front view mirror shape | rectangular | Rear view mirrors, heated | with |
| Rear view mirror type driver | spherical EC2003/97 | Rear view mirror, passenger | spherical EC2003/97 |
| Electric mirror adjustment | pass+driver side | Close up mirror | ECE-R46 amendment 04 |
| Wide angle mirror | driver+passenger side | Kitchenett | without |
| Refrigerator type | without freezer compartment | Coffee maker | without |
| External storage compartment | driver+passenger side | Storage bins doors | with bottle holder |
| Rear wall storage | refrigerator | Storage side panel | left and right hand side |
| Storage colour side panel | sand | Door window | single glass |

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|---|----------------------|---|--------------------------|
| 19 Complementary Equipment | | | |
| Fifth wheel | JOST JSK37C-Z 150 | Fifth wheel position | 610 mm |
| Fifth wheel category | fixed, plate-mounted | Mounting plate | 22 mm, D-value max 152kN |
| Catwalk | single | Bracket front mounted equip. | Without |
| ACL automatic chassis lubrication | With | Dimension JA/BEP L020 | 775 mm |
| Trailer electric connector | 1x15 pole | Type of trailer connection bracket behind cab | High |
| Side skirts | with | Side skirt height | 730mm |
| Side skirt colour | grey PPG901S1847977 | Underrun beam according to AR regulation | without |
| Rescue equipment except fire extinguisher | with | Hose for tyre inflation | Without |
| Spare wheel carrier | without | Fire extinguisher | Without |

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|---------------------------|---------|--------------------|---------|
| 20 Load Carrying Bodywork | | | |
| Tail lift | without | Refuse packer step | without |
| Wet kit equipment | without | | |

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| Certificate | | | |
| BRAKE CERT 12 202 03 12 9006 028 | BRAKE CERT LR 0057/2 | T072FH EXT.14 T072FH EXT.14 | BRAKE CERT 04-202-029 |
| BRAKE CERT LR 0057/4 | BRAKE CERT 04-202-028 | CTD tachograph -E5-0002- | Devices for Indirect Vision e4*2003/97*2005/27*2500*03 Corr. Rev. |
| Safety Glazing e4*92/22*2001/92*0120*09 Corr. Rev. | Audible warning devices (Signal horn) e4*70/388*87/354*0141*07 Corr. Rev. | Towing Devices e4*1005/2010*1005/2010*0019*01 Corr. Rev. | Type Plate e4*19/2011*19/2011*0012*01 Corr. Rev. |
| Vehicle access and manoeuvrability e4*130/2012*130/2012*0025*05 Corr. Rev. | Seats e4*74/408*2005/39*0526*04 Corr. Rev. | Safety Belt e4*77/541*2005/40*0457*03 Corr. Rev. | Safety Belt Anchorages e4*76/115*2005/41*0537*04 Corr. Rev. |
| Engine Emissions e4*595/2009*64/2012A*0015*02 Corr. Rev. | Spray Suppression e4*109/2011*109/2011*0015*04 Corr. Rev. | Rear Registration Plate Space e4*1003/2010*1003/2010*0046*02 Corr. Rev. | Masses and Dimensions e4*1230/2012*1230/2012*0046*10 Corr. Rev. |
| Tyres e4*458/2011*458/2011*0035*06 Corr. Rev. | Whole Vehicle Type Approval e4*2007/46**0030*21 Corr. Rev. | Advanced Emergency Braking e4*347/2012*347/2012*0001*08 Corr. Rev. | Lane Departure Warning System (LDWS) e4*351/2012*351/2012*0001*08 Corr. Rev. |
| Audible warning devices (Signal horn) E4 - 28R - 000094 EXT.07 | Heating Systems E4 - 122R - 000055 EXT.01 | Front Under Run Protection E4 - 93IIIR - 000034 EXT.01 | Safety Glazing E4 - 43R - 000441 EXT.03 |
| Steering E4 - 79R - 010345 EXT.03 | Anti-theft systems E4 - 18R - 030151 EXT.01 | Symbols E4 - 121R - 000122 EXT.01 | Lighting E4 - 48R - 050302 EXT.07 |
| External Projections E4 - 61R - 000059 EXT.13 | Noise E4 - 51R - 021615 EXT.05 | Devices for Indirect Vision E4 - 46R - 043052 EXT.12 | Brakes E4 - 13R - 111402 EXT.09 |
| Safety Belt Anchorages E4 - 14R - 070424 EXT.05 | Seats E4 - 17R - 080388 EXT.05 | Safety Belt E4 - 16R - 060278 EXT.04 | Cab Strength E4 - 29RC - 020015 EXT.07 |
| Coupling Devices E4 - 55R - 010197 EXT.10 | Fuel Tanks E4 - 34R - 020244 EXT.05 | Speed Limiter E4 - 89R - 000069 EXT.09 | Electromagnetic compatibility (EMC) E4 - 10R - 042104 EXT.25 |
| Speedometer E4 - 39R - 000085 EXT.06 | | | |

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| Corporate contract | | | |
| Description | TP - Truck Powertrain | Status | ClosedAndSettled |
| Start Date | 2016-09-01 | End Date | 2019-10-03 |

| SOPS file and modifications | | |
|------------------------------------|---|---------------------|
| Status: Available for modification | Version: 1 | Created: 2016-06-20 |
| FFU-number | 598748 | |
| Modifications | No modifications were found for the selected product entity | |