335 and 340 Articulated Trucks

Operator's Manual

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CASE CONSTRUCTION

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1. External lights/headlight control
2. Front working lights control
3. Rotating beacon control
4. Not used
5. Hazard light control
6. Instrument panel and warning lamps
7. Not used
8. Rear view mirrors heating control (if equipped)
9. Side window wiper control
10. Side window washer control
11. Battery disconnect switch (for operation, see "Electrical power disconnection" in Section 3)
12. Integrated IRCM (engine brake + retarder) auxiliary brake control
13. Driven mirror adjustment control (if equipped)
14. Parking brake
15. 12V power socket
16. Dump body control and parking brake (hold) button
17. Automatic transmission lever
18. Cigar lighter
19. Rear axle/longitudinal lock control
20. Central longitudinal lock control
21. Ashtray
22. Windscreen wiper, washer and display management control
23. Accelerator pedal
24. Brake pedal
25. Ignition key switch
26. Steering wheel
27. Steering column slant adjustment lever
28. Direction indicators and horn control
29. Headlight and daytime flashing control
30. Climate control system controls

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SCHEDULED MAINTENANCE PROGRAM IN HOURS

Checking, adjusting and cleaning operations

SERVICE POINTS	10 hours	100 hours	500 hours	1000 hours	2000 hours	4000 hours	Year
Check engine oil level (5)	X						
Check engine coolant level (5)	X						
Check tyre pressure / wear / conditions (5)	X						
Check accessory / climate control system belts (5)	X						
Check lights and warning lights (5)	X						
Check windshield wiper (5)	X						
Check windshield washer level (5)	X						
Check brake cooling circuit fluid level (5)	X						
Check hydraulic fluid level (5)	X						
Check automatic transmission oil level		X					
Fuel pre-filter water drain		X					
Check front suspension element height		X					
Check engine coolant connections		X					
Check efficiency of parking brake		X					
Check efficiency of emergency steering pump control		X					
Clean conditioner condenser			X				
Check accessory / climate control system belt tension			X				
Check front hub oil level			X				
Check axle oil level			X				
Clean engine oil breather			X				
Battery maintenance (unsealed batteries)			X				
Check oil dryer function / visual inspection of reservoirs			X				
Bleed fuel tank condensation water				X			
Check hood / cab tipper oil level				X			
Check intake system tightness				X			
Automatic transmission TCU AEB procedure				X			
Check accumulator pressure					X		
Clean brake cooling circuit mesh filter					X		
Clean hydraulic system circuit mesh filters (2 filters)						X	
Clean the radiator/intercooler surface							X
Check heat exchanger tightness							X
Check antifreeze concentration							X

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MEASURES (international system)

Force in N (Newton)

- 1 N = 0.1019 kg.
- 1 kg = 9.81 N.

Power in kW (kilowatt)

Other units in use:

CV (Horse)

HP (Horse-Power)

- 1 kW = 1.36 CV.
- 1 kW = 1.34 HP.
- 1 CV = 0.736 CV.
- 1 CV = 0.986 HP.
- 1 HP = 0.746 kW.
- 1 HP = 1.014 CV.

Torque in Nm (Newton meter)

- 1 Nm = 0.1019 kg.
- 1 kgm = 9.81 Nm.
- 1 kgm = 10 Nm *.

Specific consumption in g/kWh (grams per kilowatt-hour)

Other unit in use:

g/CVh (Horse)

- 1 g/kWh = 0.736 g/CVh.
- 1 g/CVh = 1.36 g/kWh.

Pressure in kPa (kilopascal)

Other units in use:

kg/cm^2 (kilogram per square centimeter)

Atm (Metric atmosphere)

psi (Pound per square inch)

- 1 kg/cm^2 = 1 Atm.
- 1 kg/cm^2 = 98.1 kPa.
- 1 kg/cm^2 = 0.981 bar.
- 1 kg/cm^2 = 1 bar *.
- 1 kg/cm^2 = 14.22 psi
- 1 bar = 100 kPa.
- 1 bar = 1.02 kg/cm^2.
- 1 bar = 14.51 psi.
- 1 psi = 6.9 kPa.
- 1 psi = 0.069 bar.
- 1 psi = 0.0703 kg/cm^2.
- kPa = 0.145 psi.
- kPa = 0.0102 kg/cm^2.
- kPa = 0.01 bar.

Conversion values for British units

- 1 mm = 0.039 inch.
- 1 m = 3.281 ft.
- 1 km = 0.621 miles.
- 1 cm^3 = 0.06 l cu. in.
- 1 l = 1.759 pts (0.88 Imp. qts).
- 1 bar = 14.5038 psi.
- 1 g = 0.035 oz. (0.564 dr.).
- 1 kg = 2.205 lbs.
- 1 t = 1.102 short ton (0.9842 long ton).
- °C = (°F - 32) : 1.8
- °F = (°C x 1.8) + 32.

(*) Nm and bar are converted according to the ratios 10:1 and 1:1.

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