| LUBRICATION AND SERVICING SCHEDULE | Item | Months | 6 250 / 10 000 | 12 500 / 20 000 | 25 000 / 40 000 | 31 250 / 50 000 | 37 500 / 60 000 43 750 / 70 000 | 50 000 / 80 000 | | | 75 000 / 120 000 | | (m | ile | es/ | km | 1) | | | 143 750 / 230 000 D | | 156250 / 250 000 | 168 750 / 270 000 | / 000 | 250 / | 187 500 / 300 000 | 000 | 8 | LUBRICANT &/OR PART ² |
|---|----------|--------|----------------|-----------------|-----------------|-----------------|------------------------------------|-----------------|---|---|------------------|---|----|-----|-----|----|----|---|---|----------------------------|---|------------------|-------------------|-------|-------|-------------------|-----|---|--|
| GENERAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flexible hoses, thoroughly inspect all hoses | - | 12 | | | | | | • | | | | | | • | • | | | | | | • | | | | | | • | • | |
| Front discharge tube, qty:2, check to see if clogged ³ | - | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 01 ENGINE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air cleaner, inspect, clean, replace element if required | 23 | 6 | • | • • | • | • | • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • • | • | • | • | • | • | F | Filter #530197 |
| Air pre-cleaner, check discharge tube | 24 | 6 | • | • • | • | • | • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • • | • | • | • | • | • | • | |
| Engine, change oil and filters. Oil SAE 15W40, API CI-4 | 14 | 12 | • | • | • | | • | • | | • | • | | • | • | • | • | • | • | • | | • | • | | • | | • | • | • | Filter #510458 |
| Engine crankcase breather, clean breather steel mesh | 20 | 12 | | | | | | • | | | | | | • | • | | | | | | • | | | | | | • | • | |
| 02 CLUTCH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 03 FUEL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Change primary & secondary fuel filters, fill with clean fuel before installation | 25 27 | 12 | | • | • | | • | • | | • | • | | • | • | , | • | • | • | • | | • | • | | • | | • | • | | Primary #510137 ; prim. w/sep #531390 ; secondary #510128 |
| 05 COOLING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Radiator fan drive gearbox,check oil level, add if necessary | | | | • • | • | • | • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • • | • | • | • | • | • | 1 | Mobil SHC 630 #180217 |
| Radiator fan drive gearbox, change oil | 16 | 12 | | | | | | • | | | | | | • | • | | | | | | • | | | | | | • | 1 | Mobil SHC 630 #180217 |
| Coolant filter/Conditioner, replace element | | 12 | | • | • | | • | • | | • | • | | • | • | • | • | • | | • | | • | • | | • | | • | • | · | Filter #550630 |
| Coolant surge tank, test coolant solution | | 12 | | • | • | | • | • | | • | • | | • | • | • | • | • | | • | | • | • | | • | | • | • | • | |
| Cooling system, drain, flush and refill | 17 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | • | • | Engine coolant |
| 06 ELECTRICAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Battery terminals, clean and coat terminals | 29 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | E | Battery terminal coating |

¹ Proceed to maintenance operation at distance indicated on odometer or specified number of month, whichever comes first.

² See paragraph 2.5 & 2.6 of this section for lubricant and part number specifications.

³ Discharge tubes are rubber tubes located under vehicle

| | | DISTANCE TRAVELED ¹ | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------|--------------------------------|----------------|-----------------|---|-----------------|-----------------|-----------------|-----------------|------------------|--------------------------------------|------------------|------------------|---------------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|---|-------------------|-------------------|-------------------|--|
| | | | | | | | | | | | | | (n | ile | es/ | km | 1) | | | | | | | | | | | |
| LUBRICATION AND SERVICING SCHEDULE | Item | | 6 250 / 10 000 | 18 750 / 30 000 | | 31 250 / 50 000 | 37 500 / 60 000 | 50 000 / 80 000 | 56 250 / 90 000 | 62 500 / 100 000 | 68 750 / 110 000 75 000 / 120 000 | 81 250 / 130 000 | 87 500 / 140 000 | 93 750 / 150 000 100 000 / 160 000 | 106 250 / 170 000 | 112 500 / 180 000 | 118 750 / 190 000 | 131 250 / 210 000 | 137 500 / 220 000 | 143 750 / 230 000 | 150 000 / 240 000 | 162 500 / 260 000 | 168 750 / 270 000 | | 187 500 / 300 000 | 193 750 / 310 000 | 200 000 / 320 000 | LUBRICANT &/OR PART ² |
| 07 TRANSMISSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Allison Automatic transmission, change oil (standard oil) and filters | | 12 | • | • | • | | • | • | , | • | • | | • | • | • | • | • | • | • | | • | • | | • | • | | • | Oil Dexron-IIE or Dexron-III Filters #571709 |
| Allison Automatic transmission, change oil (only if filled with TranSynd synthetic fluid) and filters ³ | 13 | 12 | | | | | | • | , | | | | | • | , | | | | | | • | | | | | | • | TranSynd Synthetic Fluid; Filters #571709 |
| Transmission oil cooler, replace unit if vehicle is equipped with transmission retarder | 48 | 24 | | | | | | | | | | | | | | | | | | | | | | | | | | Prévost #550712 |
| ZF-Astronic Automatic Transmission, change oil & filter after 185 000 miles (300 000 km) | 13 | 24 | | | | | | | | | | | | | | | | | | | | | | | • | | | Castrol Syntrans grade SAE 75W-85 |
| 09 PROPELLER SHAFT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grease one fitting on each universal joint and slip joint | 31 | 6 | • | • | • | • | • | • • | • | • | • • | • | • | • • | • | • | • | • | • | • | • • | • | • | • | • | • | • | Multipurpose grease |
| 10 FRONT AXLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hub unit and swivel assembly, sec.10 Maintenance Manual | 7 | 12 | | | | | | • | , | | | | | • | • | | | | | | • | | | | | | • | See GKN AXLE LTD Service Manual paragraph 1-Lubrication |
| 11 REAR AXLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Differential, check oil level, add if necessary | 11 | | • | • | • | • | • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | Multigrade gear oil |
| Differential, change oil, clean breathers | 11 | 24 | | | | | | | | | | | | • | • | | | | | | | | | | | | • | Multigrade gear oil |
| Tag axle lever pivot, grease one fitting on each pivot | 12 | 6 | • | • | • | • | • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | Multi purpose grease |
| 12 BRAKE & AIR | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Air tanks, drain water from all tanks | | 12 | | • | • | | • | • | • | • | • | | • | • | | • | • | • | • | | • | • | • | ı | • | | • | |
| Accessories air filter, change filter element | | 24 | | | | | | | | | | | | • | • | | | | | | | | | | | | - | |
| Air dryer, change cartridge | 32 | 24 | | | | | | | | | | | | • | • | | | | | | | | | | | | • | Cartridge #3097369 |
| Brake pads, check pad wear indicator and perform caliper slide check | - | 12 | • | • | • | | • | • | , | • | • | | • | • | • | • | | • | • | | • | • | • | • | • | | • | Section 12 in Maintenance Manual |

¹ Proceed to maintenance operation at distance indicated on odometer or specified number of month, whichever comes first. ² See paragraph 2.5 & 2.6 of this section for lubricant and part number specifications.

³ When the transmission contains a mixture of fluids (defined as the quantity of non-TranSynd fluid remaining in the transmission after a fluid change combined with the quantity of TranSynd required to fill the transmission to the proper level), perform the fluid and filter change at 25 000 miles (40 200km) or 1 year, whichever comes first.

| | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------|---|----------------|-----------------|-----------------|-----------------|------------------------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|-------------------|-------------------|---|-------|-------------------|-------|---|
| | | DISTANCE TRAVELED ¹ (miles/km) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | (n | <u> ile</u> | es/ | <u>/kn</u> | <u>n)</u> | | | | | | | | | | | | |
| LUBRICATION AND SERVICING SCHEDULE | Item | Months | 6 250 / 10 000 | 18 750 / 30 000 | 25 000 / 40 000 | 31 250 / 50 000 | 3/ 500 / 60 000 43 750 / 70 000 | 50 000 / 80 000 | 56 250 / 90 000 | 62 500 / 100 000 | 75 000 / 120 000 | 81 250 / 130 000 | 87 500 / 140 000 | 93 750 / 150 000 | 100 000 / 160 000 | 112 500 / 180 000 | 118 750 / 190 000 | 125 000 / 200 000 | 137 500 / 220 000 | 143 750 / 230 000 | 150 000 / 240 000 | 156250 / 250 000 | 168 750 / 270 000 | 175 000 / 280 000 | | / 300 | 193 750 / 310 000 | / 320 | LUBRICANT &/OR PART ² |
| 14 STEERING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Drag link ends, grease one fitting at each end | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | Multi purpose grease |
| Relay rod ends, grease one fitting at each end | 44 | | • • | | | | | | | | | | | | | | | | | | | | | | | | | | Multi purpose grease |
| Steering tie rod ends, grease one fitting at each end | 6 | 6 | • | • | • | • | • • | • | • | • | • • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • | • | • | Multi purpose grease |
| Idler arm, grease fitting | 45 | | • | • | • | • | • • | • | • | • | • • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • | • | • | Multi purpose grease |
| Bell crank, grease fitting | 46 | | • | | • | | | | | | • • | | | | | | | | | | | | | | | | | | Multi purpose grease |
| Steering damper cylinder, grease one fitting at rod end | 43 | | • | | | | | | | | | | | | | | | | | | | | | | | | | | Multi purpose grease |
| Steering knuckle pins, grease two fittings per knuckle | 42 | | • | • | • | • | • • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | | Multi purpose grease |
| Power steering reservoir, replace oil and filter cartridges | 26 | 12 | | | | | | • | | | | | | • | • | | | | | | • | | | | | | | • | Cartridge #660987 |
| 16 SUSPENSION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Upper A-Arm Ball Joint, grease fitting | 47 | 6 | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | Molykote longterm 2/78 grease (preferably) or lithium NLGI no2 or no1 |
| 22 HEATING & AIR CONDITIONING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A/C compressor, check oil level, add if necessary | 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | Polyolester oil |
| A/C receiver tank, check refrigerant level, add if necessary | 34 | 6 | • • | • | • | • | • • | • | • | • | • • | • | • | • (| • | • | • | • | • | • | • | • | • | • | • | • | • | • | HFC 134A |
| Refrigerant moisture indicator, replace filter dryer unit according to moisture indicator (as needed) | 33 | 6 | • | • | • | • | • • | • | • | • | • • | • | • | • | • • | • | • | • | • | • | • | • | • | • | • | • | • | • | Filter #950332 |
| A/C and Heating air filters, clean or replace all elements | 8 | 6 | • | | • | _ | • | • | | • | • | | • | • | • | • | | • | • | , | • | • | • | • | | • | _ | _ | Driver #871147 , passenger #871051 |
| Parcel rack fan air filters, clean or replace | - | 6 | • | | • | • | • | • | | • | • | | • | | • | • | | • | • | • | • | • | • | • | | • | _ | _ | Filter # 871159 |
| Coolant strainer, check, clean, change cartridge if required | 9 | 12 | | | | | | • | | | | | | • | • | | | | | | • | | | | | | | • | Cartridge #871029 |
| Condenser discharge tube, qty:2, check to see if clogged ³ | <u> </u> | 3 | | | | _ | | | | _ | | | Ш | | | | Ш | | | | Ш | | | | | | | | |
| Evaporator discharge tube, qty:6, check to see if clogged ³ | - | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Proceed to maintenance operation at distance indicated on odometer or specified number of month, whichever comes first.

See paragraph 2.5 & 2.6 of this section for lubricant and part number specifications.

Discharge tubes are rubber tubes located under vehicle