
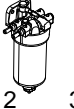







# PANTHER T8 tier 4

## QUICK MAINTENANCE REFERENCE

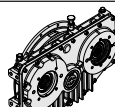
### ENGINE

|  | Part Number                | Replacement        |
|--|----------------------------|--------------------|
|  1- Oil Filter           | 121504245 / CAT # 462-1117 | 500 hr             |
|  2- Fuel Filter         | 121504243 / CAT # 360-8959 | 500 hr             |
|  3- Water Separator     | 121504244 / CAT # 360-8960 | 500 hr             |
|  4- Crank Case Breather  | 121504286 / CAT # 339-1048 | 1500hr             |
|  5- In Line Fuel Filter | 121504242 / CAT # 384-8512 | 500 hr             |
|  6- DEF Filter          | 121504274 / CAT # 387-3187 | 5000 hr            |
| <b>Oil Specification</b>   |                            | <b>Replacement</b> |
| CAT DEO (diesel engine oil) API CJ-4<br>SAE W30, 5W 30, 10W 30, 10W 40                                   |                            | 500 hr/Yearly      |
| <b>Coolant Fluid Specification</b>   |                            | <b>Replacement</b> |
| Antifreeze 60 / 40 with DCA4 or Long Life  |                            | Yearly             |
| <b>Fuel Specification</b>  |                            |                    |
| Ultra low sulfur diesel fuel (<15ppm). According to EN 590   |                            |                    |
| <b>Diesel Exhaust Fluid Specification</b>  |                            |                    |
| In compliance with ISO 22241-1 standard  |                            |                    |


### PLANETARIES

|  | Oil Specification   | Replacement               |
|--|---|---------------------------|
|  | Synthetic oil<br>ISO Viscosity grade 220<br>SAE Viscosity 75w 90 or 75w 140 | First 50h, 500 hr, Yearly |

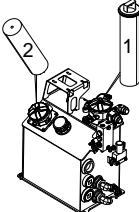
### TRANSFER CASE

|  | Oil Specification   | Replacement      |
|--|---|------------------|
|  | Synthetic oil<br>ISO Viscosity grade 220<br>SAE Viscosity 75w 90 or 75w 140 | First 50 h, 500h |

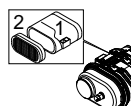
### WHEEL HUBS

|  | Oil Specification   | Replacement                 |
|--|---|-----------------------------|
|  | Synthetic oil<br>ISO Viscosity grade 220<br>SAE Viscosity 75w 90 or 75w 140 | First 50 hr, 500 hr, Yearly |

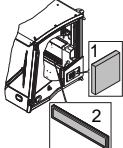
### HYDRAULIC/HYDROSTATIC

|  | Part Number   | Replacement         |
|--|---|---------------------|
|  | 1- 171953060<br>2- 118700100  | First 50 hr, Yearly |
|  | <b>Oil Specification</b>  | <b>Replacement</b>  |
|  | ATF type F or Shell Donax TF<br>or oil in compliance with<br>Ford ESW M2C33-F | Yearly              |

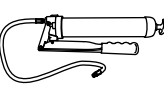
### ENGINE AIR FILTERS

|  | Part Number  | Replacement                      |
|--|--|----------------------------------|
|  | 1- 121504230 / CAT # 304-5632<br>2- 121504231 / CAT # 304-5633 | Visual inspection<br>as required |


### CAB AIR FILTERS

|  | Parts Number | Replacement                      |
|--|--------------|----------------------------------|
|  | 1- 114668507 | Visual inspection<br>as required |
|  | 2- 114667986 |                                  |

### GREASE

|  | Grease Specification   |
|--|--|
|  | Multi-season, lithium based, NLGI grade 1 EP rated with "MOLY" additives, water resistant, minimum service temperature of -40°C to 100°C (-40°F to 212°F) approved for automobile wheel bearing and chassis. |

### ENGINE DRIVE BELT

|  | Parts Number                                  | Replacement                      |
|--|---|----------------------------------|
|  | 1- 121504206 / CAT # 285-6217<br>2- 121504234 | Visual inspection<br>as required |

## DAILY CHECK LIST

- Check hydraulic oil level
- Check engine oil level
- Check engine coolant level
- Check engine oil and cooling circuits for leaks
- Check fuel water separator
- Check air filter cleanliness
- Check engine belt tension
- Check A/C condenser for debris
- Check hydraulic system for leaks and damage
- Oil cooler and water cooler must be free of debris
- Check water cooler for leaks
- Clean the track drives if ground condition is poor
- Check tension of the track
- Check planetaries for leaks
- Check DEF level (Diesel exhaust fluid)

A full line of purpose-built parts are available through the PipeLine Machinery parts department.



**PARTS**

**+1-713-580-8417**

**Email: parts@plmcat.com**

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