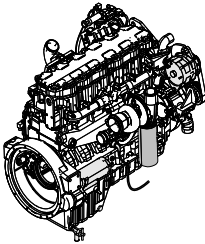



PANTHER T8 tier 3 QUICK MAINTENANCE REFERENCE

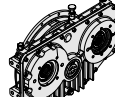
ENGINE

	Part Number	Replacement	
	Fuel Filter	121504102 / CAT # 1R-0751	500h
	Water Separator	114476400 / CAT # 360-8960	500h
	Oil Filter	121504263 / CAT # 1R-1807	500h
	Oil Specification	Replacement	
	CAT DEO (diesel engine oil) API CJ-4 SAE W30, 5W 30, 10W 30, 10W 40	500h/Yearly	
	Coolant Fluid Specification	Replacement	
	Antifreeze 60 / 40 with DCA4	Yearly	
	Fuel Specification	Ultra low sulfur diesel fuel (< 15ppm). According to EN 590	


PLANETARY

	Oil Specification	Replacement
	Synthetic oil ISO Viscosity grade 220 SAE Viscosity 75w 90 or 75w 140	First 50h, 500h, Yearly

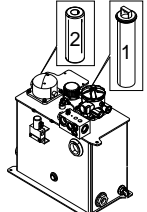
TRANSFER CASE

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


WHEEL HUB

	Oil Specification	Replacement
	Synthetic oil ISO Viscosity grade 220 SAE Viscosity 75w 90 or 75w 140	First 50h, 500h, Yearly

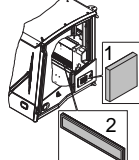
HYDRAULIC/HYDROSTATIC

	Part Number	Replacement
	1- 118700100 2- 171953060	First 50h, Yearly
	Oil Specification	Replacement
ATF type F or Shell Donax TF or oil in compliance with Ford ESW M2C33-F	Yearly	

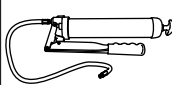
ENGINE AIR FILTER

	Part Number	Replacement
	121504104 (2 filters) CAT # 6I-0273, 6I-0274	Visual inspection As required


CAB AIR FILTERS

	Parts number	Replacement
	1- 114668050	Visual inspection 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
	121504206 / CAT # 285-6217	Visual inspection 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 V-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 according to specification
- Check planetary for leaks

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



PARTS
+1-713-580-8417

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