



**T-300**  
Tier 4 Final

## SERVICE INFORMATION

### HATZ Diesel Engine

**Parts List for Routine Service of  
HATZ 3H50 Industrial Diesel Engine (Tier 4 Final)**

**Refer to Engine Manufacturer's Service Manual for Engine Service Details**

(Engine must be serviced after first 50 hours, then every 500 hours of operation or as needed)

Description	Air Burners P/N	Manufacturer's P/N	Service Interval
Air Filter (Main Element H50)	5000-2338	HATZ 50638200	500 Hours
Air Filter (Secondary Element H50)	5000-2339	HATZ 50638300	500 Hours
Oil Filter H50	5000-2340	HATZ 50638800	500 Hours
Oil Separator H50 (Crank Case Vent)	5000-2341	HATZ 50640500	500 Hours
Fuel Filter H50	5000-2342	HATZ 50638100	500 Hours
Pre-Fuel Filter	5000-2343	HATZ 50638000	500 Hours
Poly-V-Belt (Engine) H50	5000-2344	HATZ 50629401	500 Hours
Fuel/Water Separator Filter (Optional)	5000-1297	RACOR R20P	As needed
V-Belt (Air Fan, 2 Belts)	5000-0008	Optibelt Redpower II 5V1400	As needed
CAT Battery (12V, CCA 800, AH 50)	5000-2050	CAT 8C-3612	2 Years or as needed

Tire Pressure	60 PSI (414 KPA)
Diesel Fuel	Ultra Low Sulfur Fuel Only
Engine Oil	10W40 Diesel Grade - Ultra-Low Sulfur (Most Regions)
Engine Radiator	Coolant Fluid must be approved by HATZ, i.e. Havoline XLC (OF02), Havoline
Bearing Lubricant	NLGI Grade 2
DEF and DPF **)	Not required (Engine meets US EPA Tier 4 Final and EU 97/68 Stage 3 B)
Fuel Tank Capacity	Minimum 46 Gallons (174 Liters)
<b>Consult T-300 Trench Burner Operating Manual for PTO service and adjustment.</b>	

\*) Contact Air Burners Customer Service Dept. for complete list of HATZ approved Radiator Protection Fluids.

\*\*\*) DEF = Diesel Exhaust Fluid      DPF= Diesel Particulate Filter

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