



SERVICE INFORMATION

T300

FLUID CLUTCH

HATZ Diesel Engine

**Parts List for Routine Service of
HATZ 4H50 TIC Industrial Diesel Engine (Tier 4)**
Also Refer to Engine Manufacturer's Service Manual for Engine Service Details
(Engine must be serviced first after 50, then every 500 hours of operation)

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
Combo Main & Pre Fuel Filter	5000-3007	HATZ 2147501	500 Hours
Poly-V-Belt (Engine) H50	5000-2344	HATZ 50629401	500 Hours
Fuel/Water Separator Filter	5000-1297	RACOR R20P	As needed
V-Belt (Air Fan, 2 Belts)	5000-0008	Optibelt Redpower 3 5V1400	As needed
Battery, 12V, Max 120 Ah; Max. CCA 800; Min. CCA 750; RC 130	5000-2472	Interstate Batteries 24M-XHD	2 Years or as needed

Tire Pressure	60 PSI (414 KPA)
Tire Size	ST225/75R15
Rim	15 x 5 (5 Lugs)
Diesel Fuel	Ultra-Low Sulfur Fuel Only
Engine Oil	10W40 or 15W40 Diesel Grade - Ultra-Low Sulfur
Engine Oil Capacity	7.4 qt. (7 L)
Engine Radiator Protection Fluid*	Coolant Fluid must be approved by HATZ, i.e. Havoline XLC (OF02), Havoline XLC+B, Castrol Radicool SF, Exxon Mobil Delvac ELC Coolant
Bearing Lubricant	Air Fan & Fluid Clutch: SKF LGMT 3IN/18; Wheels: 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 gal (174 L)

Consult T300 Operating Manual for Air Fan V-Belt service and adjustments.

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

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

AIR BURNERS, INC.

4390 SW Cargo Way • Palm City, FL 34990

Phone 772-220-7303

E-mail: support@airburners.com • www.AirBurners.com

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Rev. 01.07.2025