

# TIGER INDUSTRIES, INC.

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Reference # 140460  
March 2, 2016

**Attn:**

**RE: Vertical Air Cooled Heat Exchanger, on Heavy Duty Oilfield Skid**

Tiger Industries, Inc. is a fabrication company that is authorized to use the "R SYMBOL" in accordance with the provisions of the National Board. We supply new & reconditioned air cooled, shell and tube heat exchangers and vessels for sale and lease. In addition, Tiger provides retube, refurbishment, repair and modification of client's existing inventory. We are pleased to propose the following information.

## Air Cooled Heat Exchanger

1. Tube Materials	: SA214 Carbon Steel	10. Nozzle, Inlet	: 6" 900 # RF; (Top)
2. Header Materials	: SA516-70N, Carbon Steel	11. Nozzle, Outlet	: 6" 900 # RF; (Bottom)
3. Design Press / Temp	: 1,440 PSIG/ 350 F	12. Rows / Passes	: 3 / 3
4. # of Tubes / Length	: 263 / 16 Ft.	13. Fans / Dia.	: 1 @ 10 Ft.
5. Tube Size / Wall	: 3/4" / 14 BWG	14. Motor / Hp.	: VRG330 (Nat. Gas)
6. FOD / FPI / Pitch	: 1 1/2" / 10 / 1 5/8"	15. Dimensions	: 10' W x 23' L x 13' 6" H
7. Surface-Bare / Ext.	: 826 / 9,972 Ft <sup>2</sup>	16. Model	: 120VV
8. Manufacturer	: Hemphill/Air-X-Changer	17. Louvers	: Automatic
9. Code Stamp/Serial #	: ASME/060497.1B/11367.1	18. Vib. Switch	: Murphy VS2EX
National Board #	: 5233 (2006)	19. Weight	: 47,000 Lbs.
Air-X Job #	: 060497B (11367)	20. F. O. B.	: Houston, Texas

\*Includes full skid w/grout at 10' W x 22' L x 10" H

This is a surplus galvanized Hemphill/Air-X-changer air cooled heat exchanger in stock in our Houston shop. The bundle will be retubed with new 3/4", 14 BWG, SA-214, carbon steel tubes (optional, SA-249 stainless steel tubes) and hydro tested with a chart recording. One engine shop VRG330 natural gas engine, new belts and new Murphy VS2EX explosion proof vibration switch would be installed and the driver and fan test run.

Option: An electric motor, 40 Hp. (Hp. as required) can be installed instead of the VRG330

**Sales Price.....(No taxes are included).....**

**Lease Price, No Min. Lease Required..(No Taxes are Included).....**

**Minor Maint. By Client, i. e., monthly oil changes, tune-ups, setting valves, etc.**

**Client to provide monthly minor maintenance records**

**Major Maintenance By Tiger Industries, Inc., engine change out.**

**Delivery: 3 to 4 weeks**

**Lease Terms: Invoice first of the month, due net 30**

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