

TIGER INDUSTRIES, INC.

Company

Reference # 180833

August 20th, 2018

Attn: Contact

REF: Air Cooled Heat Exchanger for cooling ____ BPD of Oil from ____ °F to less than ____ °F at a ____ °F Ambient Temperature and a __ PSIG Operating Pressure.

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

AIR COOLED HEAT EXCHANGER

First Bundle

1. Tube Materials : SA-214 Carbon Steel
2. Header Materials : SA-516-70 Carbon Steel
3. Design Press / Temp : 150 PSIG / 300°F
4. # of Tubes / Length : 308 / 40 Ft.
5. Tube Size / Wall : 3/4" / 14 BWG
6. FOD / FPI / Pitch : 2 1/4" / 10 / 2 3/8"
7. Surface-Bare / Ext. : 3,078 / 66,205 Ft²
8. Manufacturer / S/N : Cooler Service Company
Inc. / 31514 - 2
9. Code Stamp/N.B. : ASME / N. B. 17497
10. Nozzle, Inlet : 6" 150# RF
11. Nozzle, Outlet : 6" 150# RF
12. Rows, Passes : 5 / 2

Second Bundle

1. Tube Materials : SA-214 Carbon Steel
2. Header Materials : SA-516-70 Carbon Steel
3. Design Press / Temp : 150 PSIG / 300°F
4. # of Tubes / Length : 58 / 40 Ft.
5. Tube Size / Wall : 1.25" / 14 BWG
6. FOD / FPI / Pitch : 2 1/4" / 10 / 2 3/8"
7. Surface-Bare / Ext. : 724 / 10,947 Ft²
8. Manufacturer / S/N : Cooler Service Company
Inc. / 31514 - 1
9. Code Stamp/N.B. : ASME / N. B. 17496
10. Nozzle, Inlet : 6" 150# RF
11. Nozzle, Outlet : 6" 150# RF
12. Rows / Passes : 4 / 2

Equipment Common to Both Bundles

13. Fans / Diameter : 2 @ 13 Ft.
14. Motors : 2 @ 40 Hp
15. Vibration Switches : Murphy VS2EX
16. Dimensions : 14.6'W x 40'TL x 9.6'H (Without Legs)
17. Weight (estimated) : 50,000 lbs.
18. F.O.B. : Tiger Industries' Shop

The tube bundles will be hydro-tested per ASME Code. Two new 20 Hp. explosion proof motors (460V/3P/60Hz) will be installed. The motors and fans will be test run.

Sale Price.....(No Taxes Are Included).....\$

Sale Price With Skid.....(No Taxes Are Included).....\$

Purchase Terms: 40% Invoiced with purchase order, net 10; 60% net 30 upon completion.

Delivery: 4-6 weeks ARO

Lease Price.....Min. 6 Months.....(No Taxes Are Included).....\$ /month

Lease Terms: First 3 months' lease invoiced with purchase order.

Client is required to perform normal maintenance including, but not limited to, greasing bearings and adjusting belts.