

# HORIZONTAL SPLIT CASE PUMPS MULTISTAGE SINGLE SUCTION Type TU, TUT

SECTION 1440 Page 0.1 June 1, 2002

#### **HYDRAULIC PERFORMANCE TOLERANCE**

Peerless Pump performance tests are determined acceptable based on the tolerances of the Hydraulic Institute, paragraph 1.6.5.3 Level "A", as follows (unless level "B" is customer specified).

At rated capacity;

Heads under 200 feet at 2999 US GPM and under = +8%, -0% Head Heads under 200 feet at 3000 US GPM and over = +5%, -0% Head Heads 201 feet to 500 feet, at any flow = +5%, -0% Head Heads 501 feet and over, at any flow = +3%, -0 Head

OR

At rated head;

Capacity tolerance at rated head = +10%, -0% Capacity

The plus 8%, 5%, 3% head tolerances will result in a plus 8%, 5%, 3% pump horsepower requirement. Drivers must be selected allowing for the increased pump horsepower requirement.

#### **Performance Guarantee**

A guarantee of pump efficiency requires Peerless Pump factory engineering to determine and authorize a guarantee.

A Peerless Pump factory performance test is required for any performance guarantee.

A Peerless Pump factory authorized performance guarantees will be based on Peerless Pump factory testing.

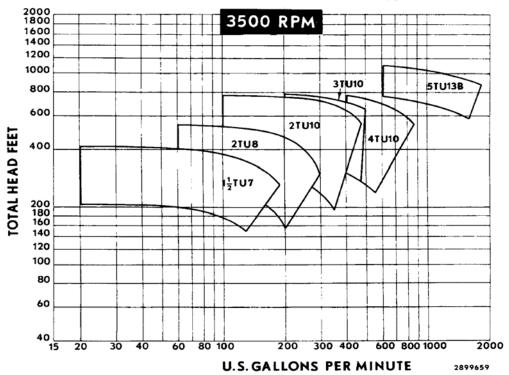
A Peerless Pump factory determined and authorized efficiency guarantee will have a -0% tolerance.

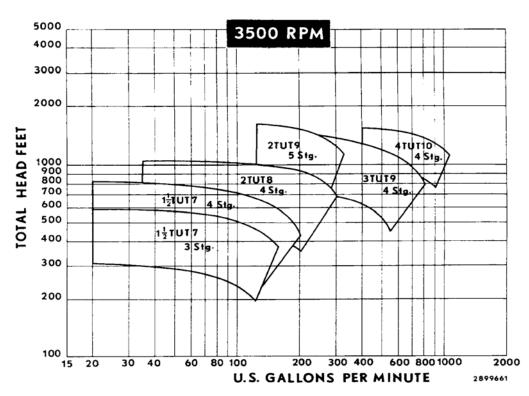
A guarantee of pump performance is limited to one operating condition point only.

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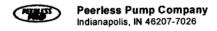
SECTION 1440 Page 1 June 8, 1992

#### **Area Bound Performance Curves**

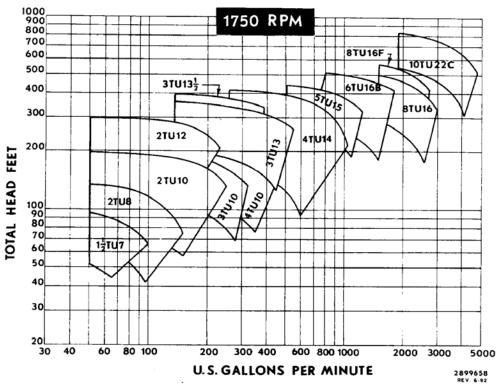


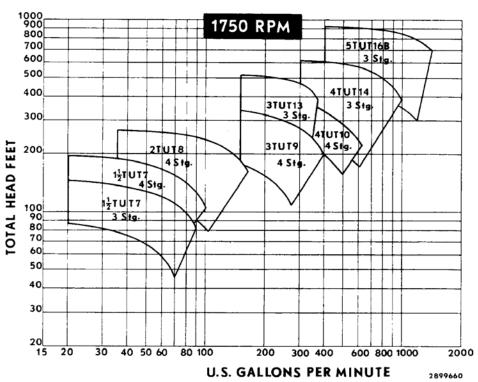


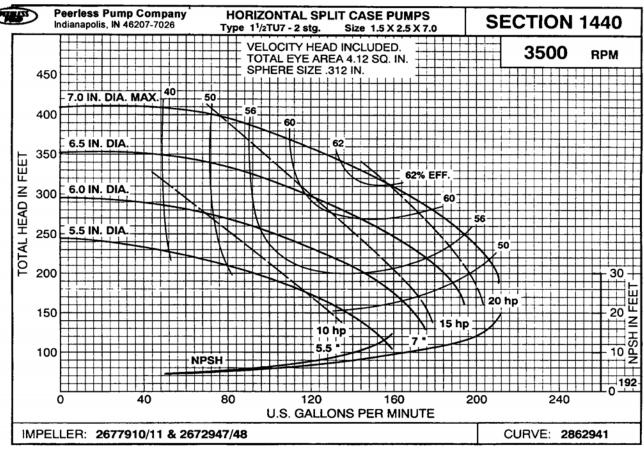
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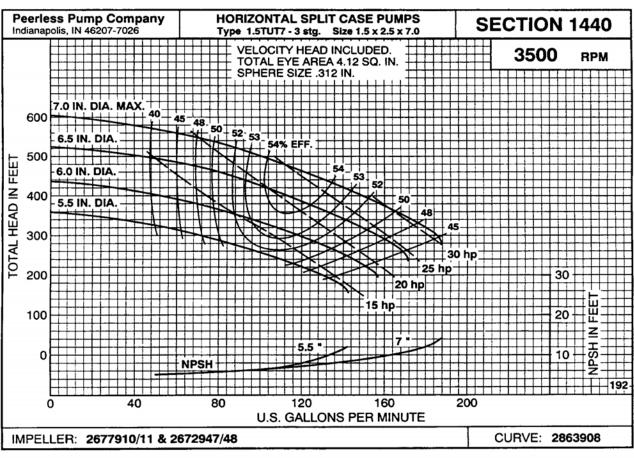


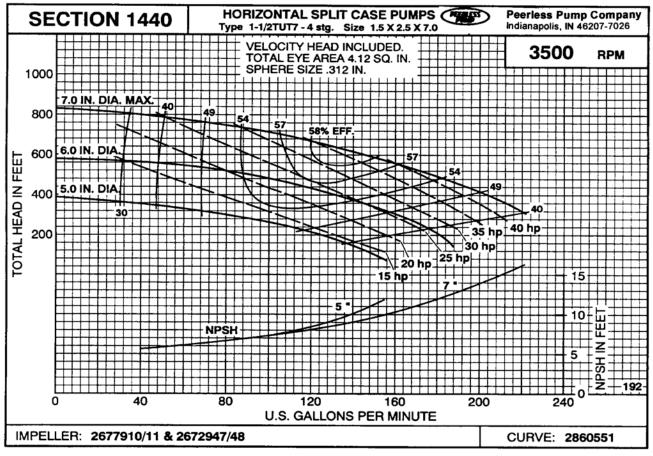
### **Area Bound Performance Curves**

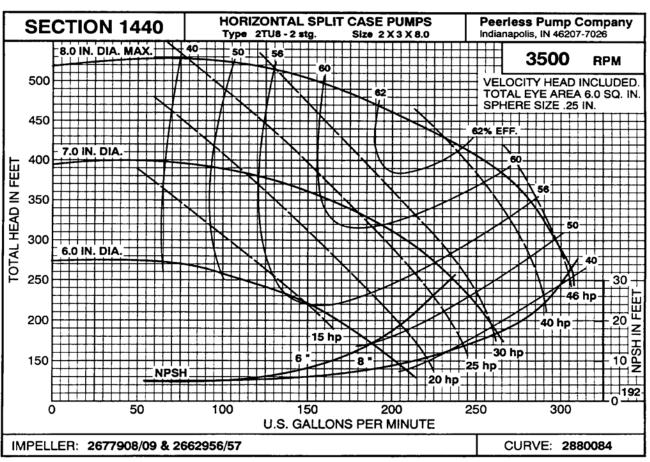


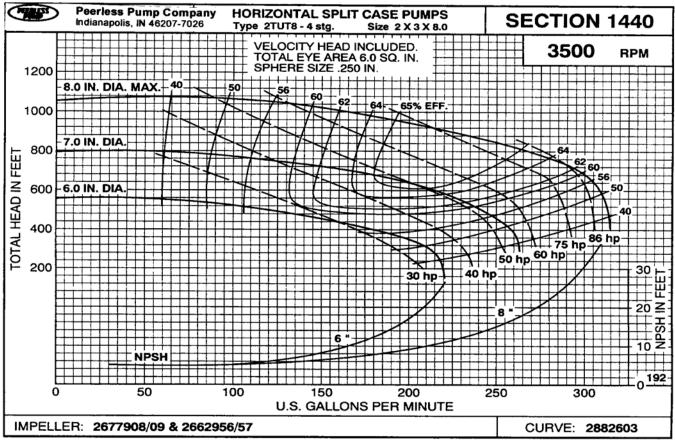


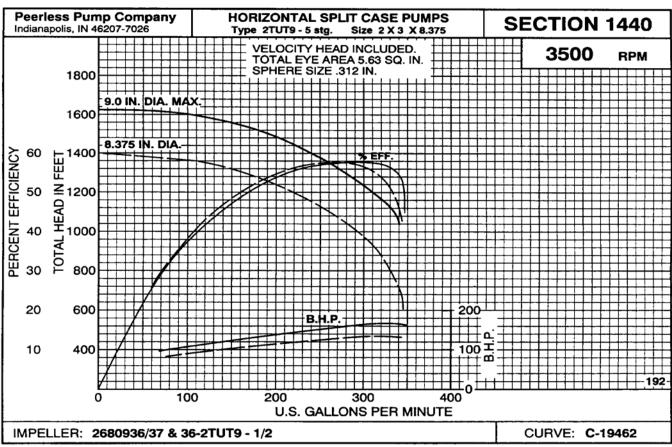


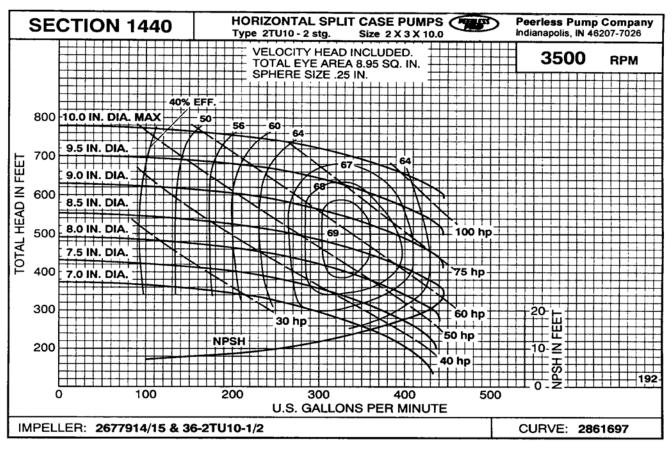


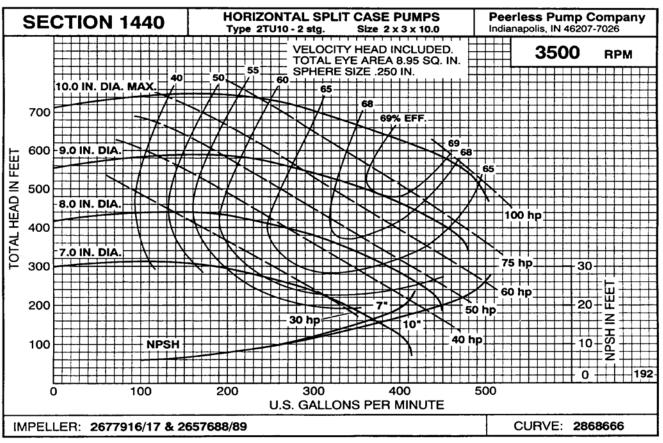


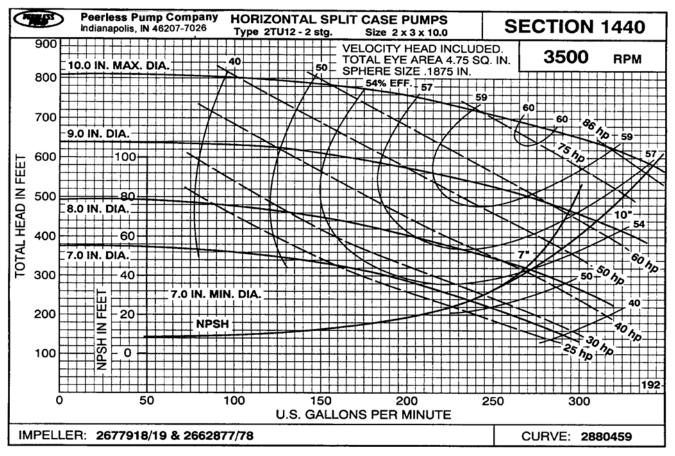


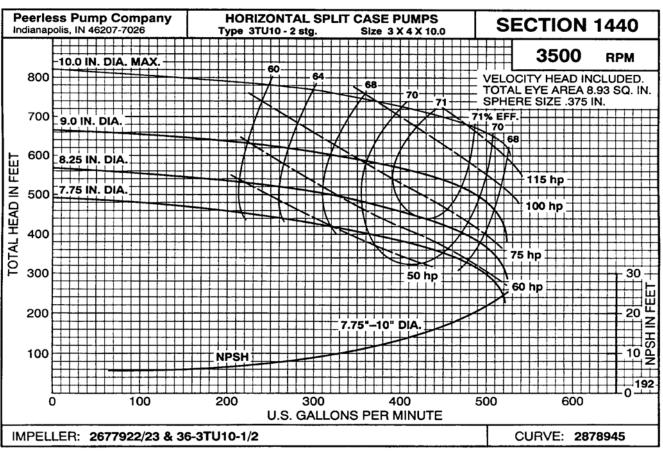


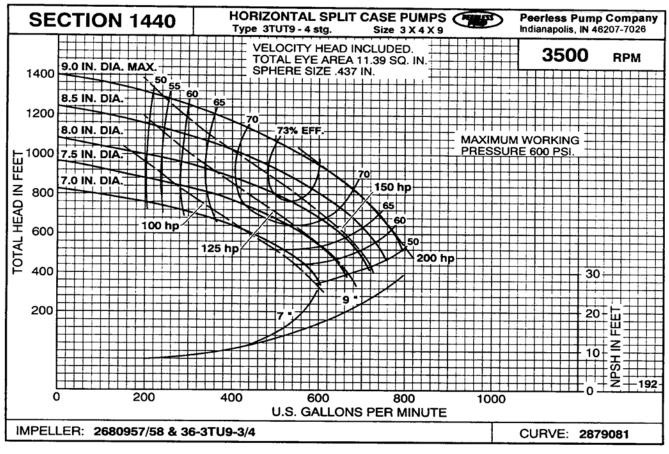


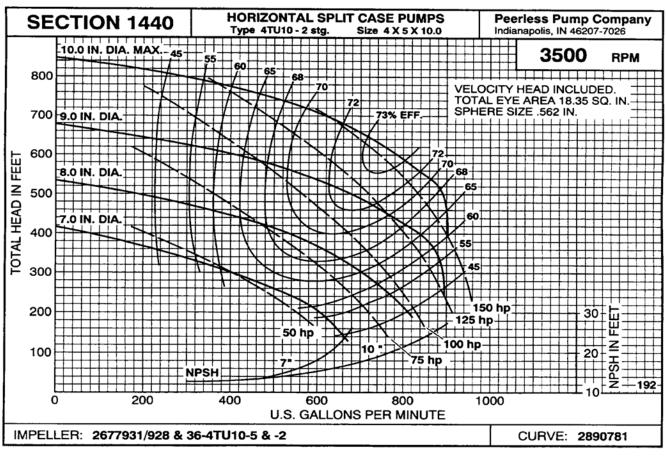


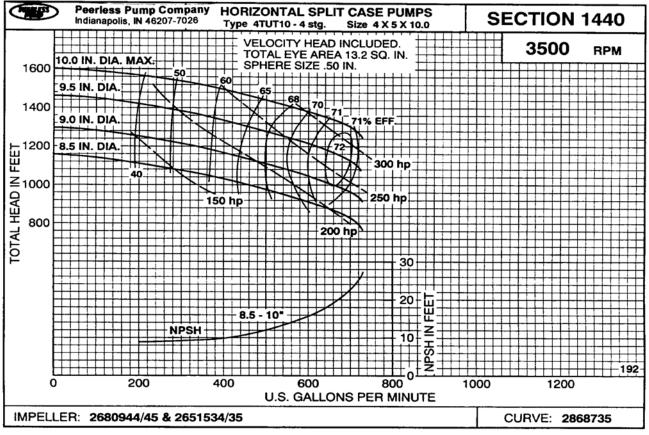


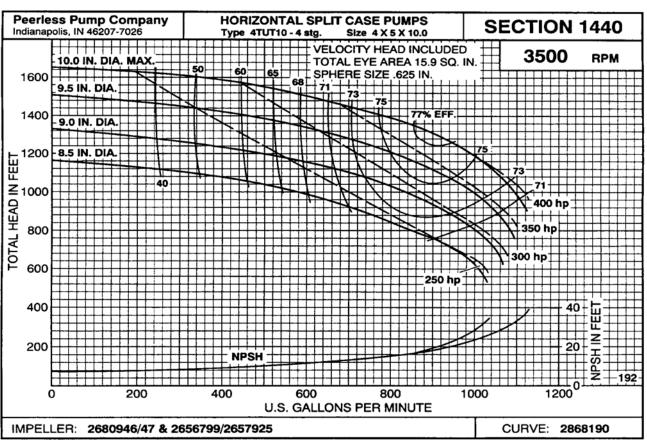


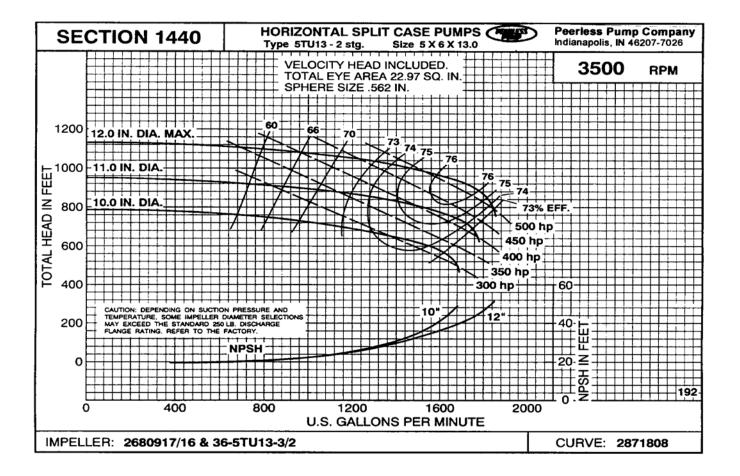


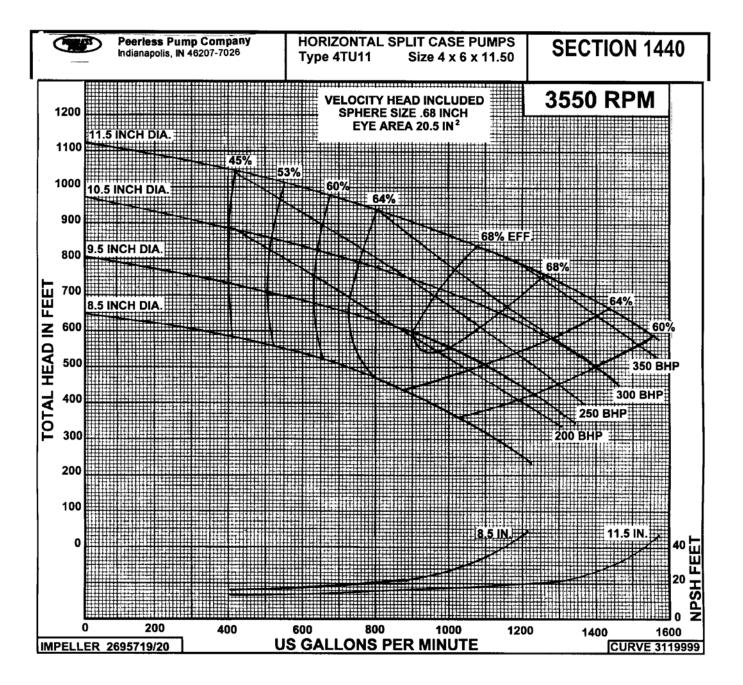


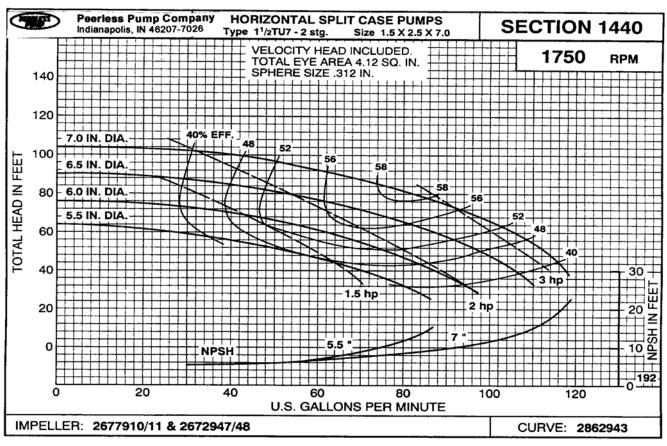


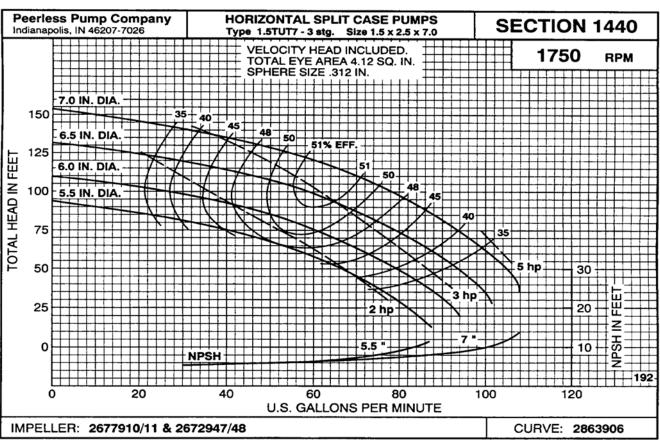


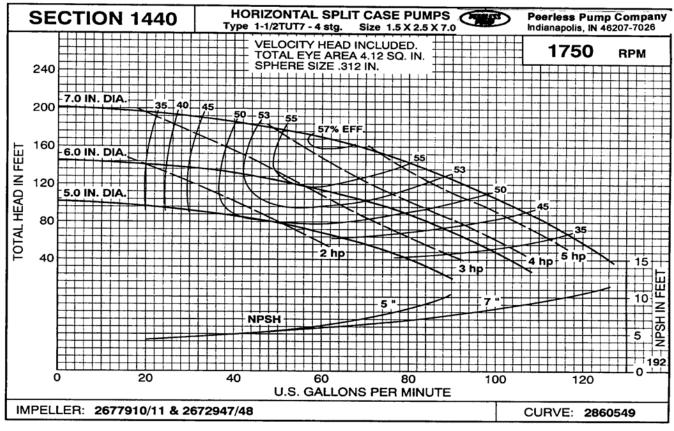


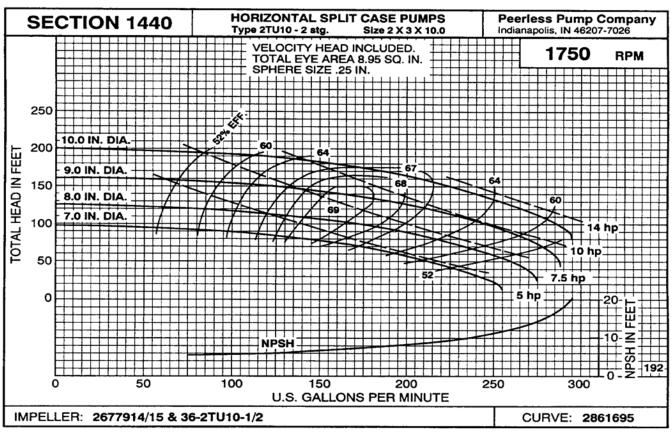


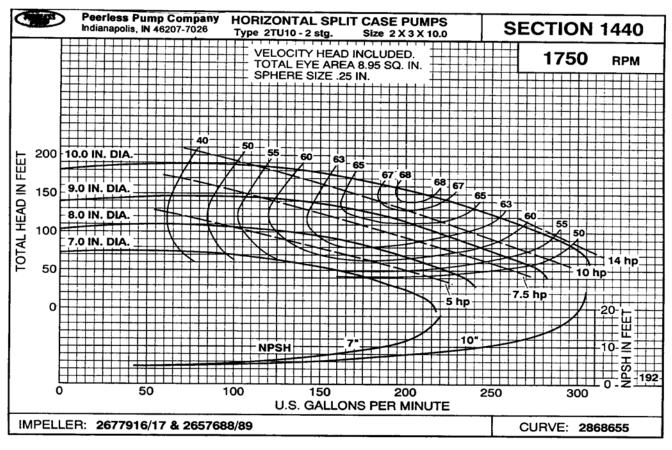


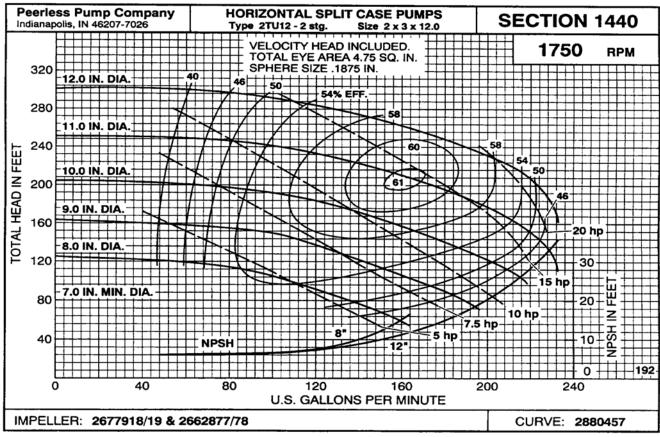


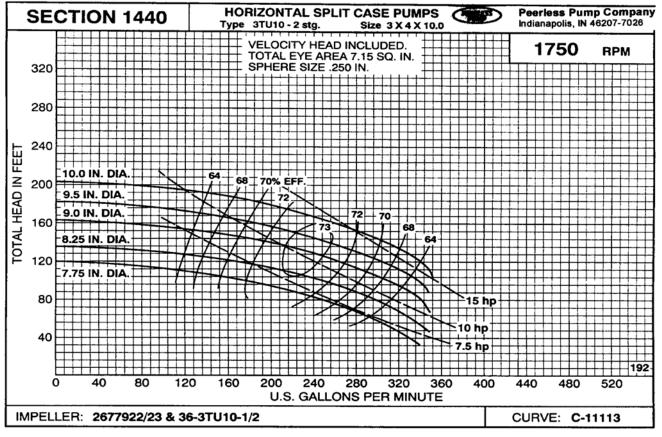


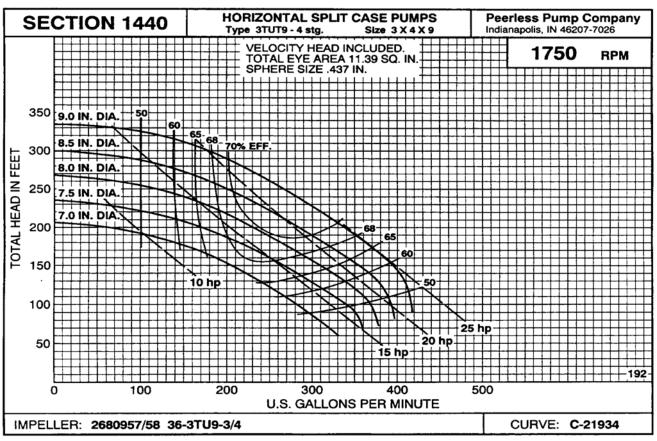


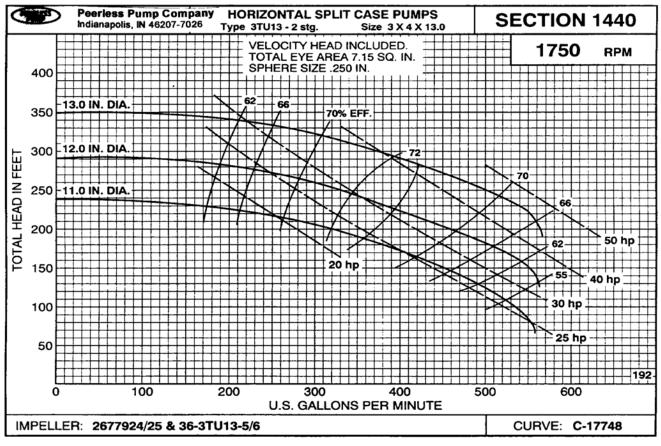


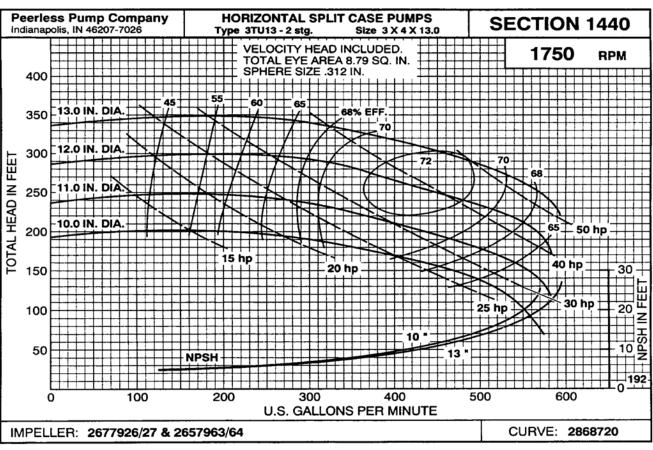


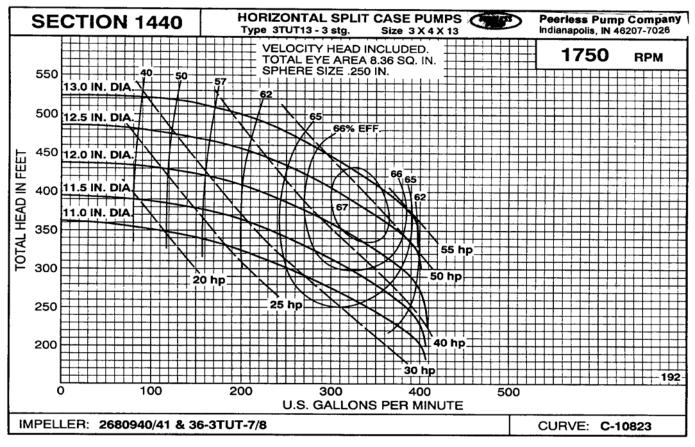


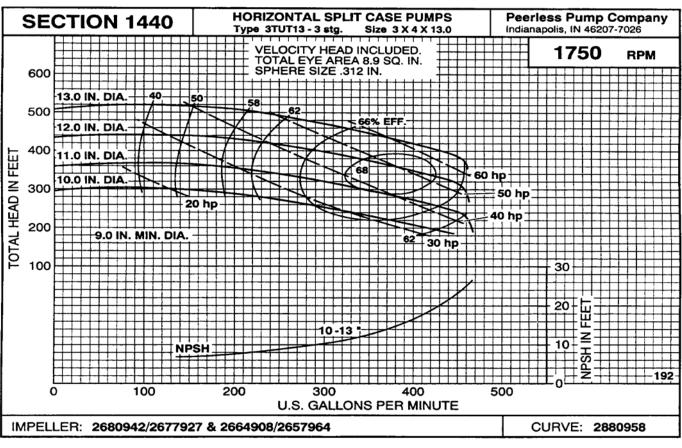


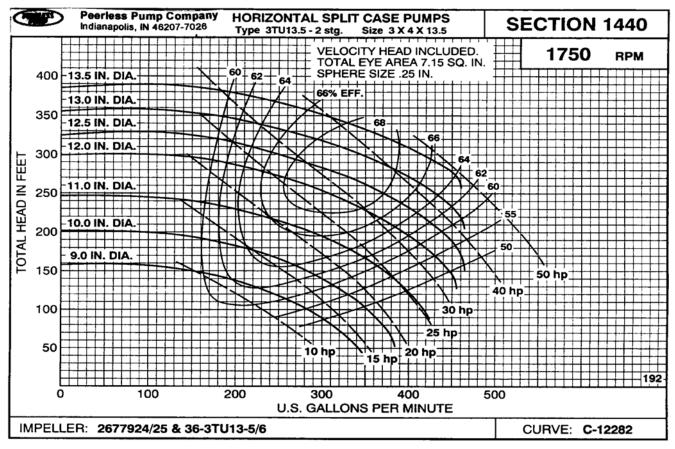


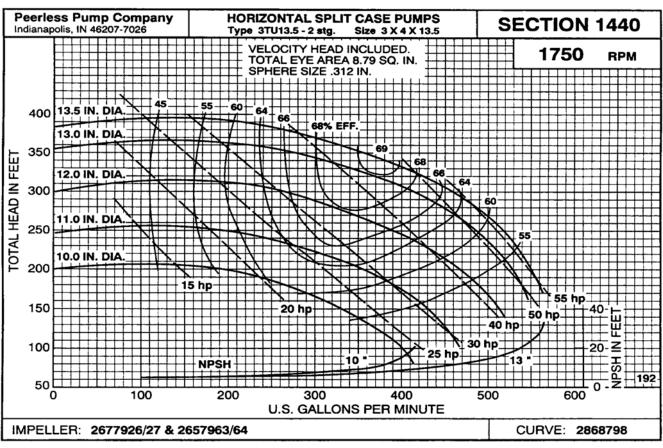


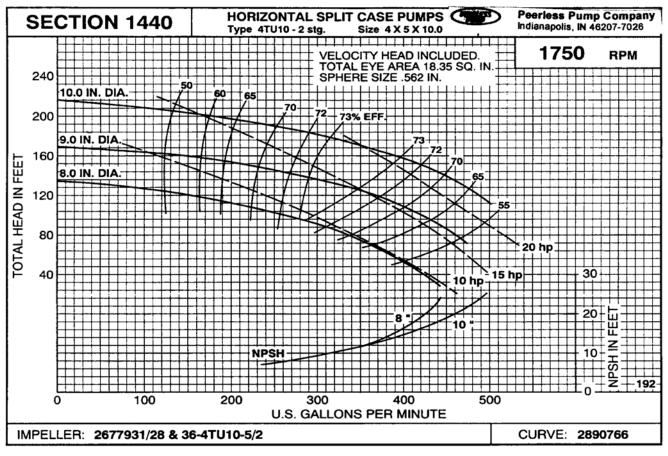


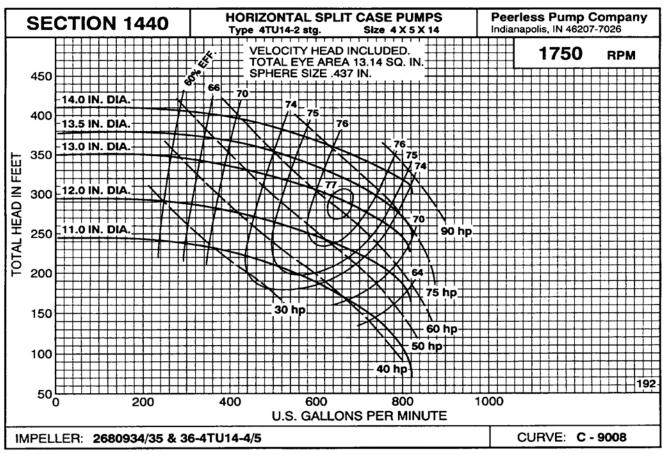


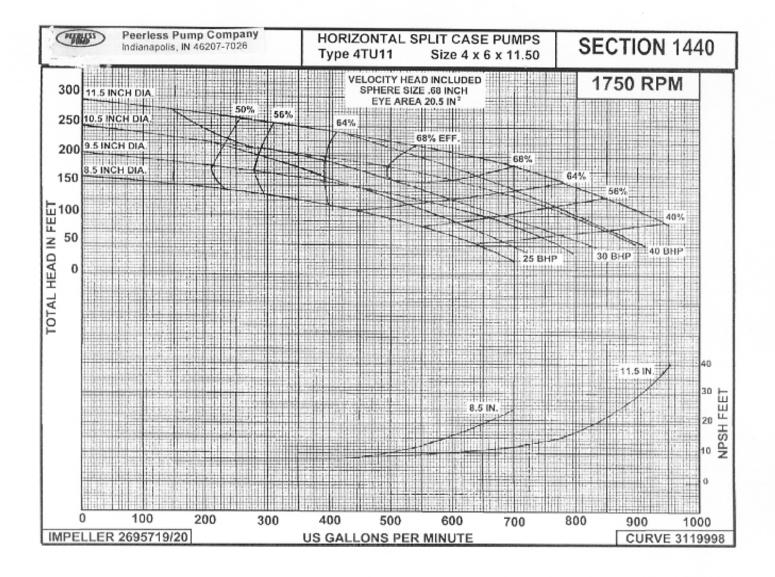


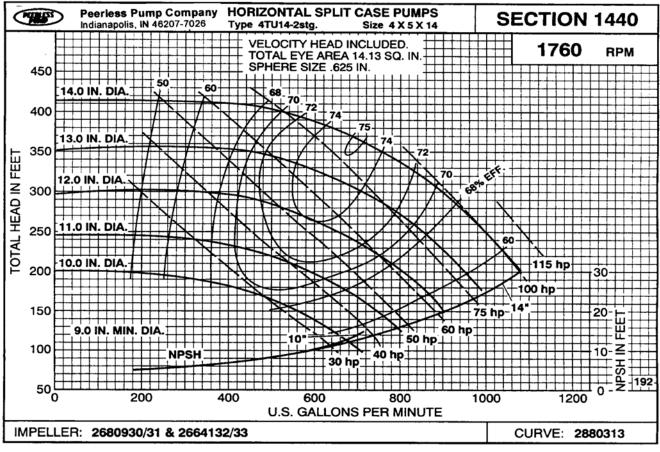


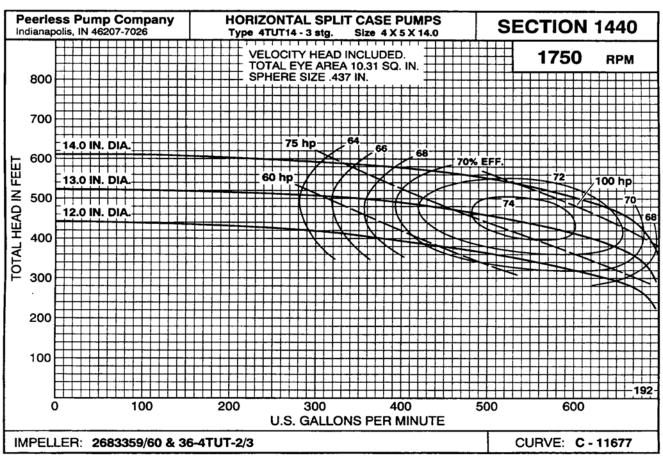


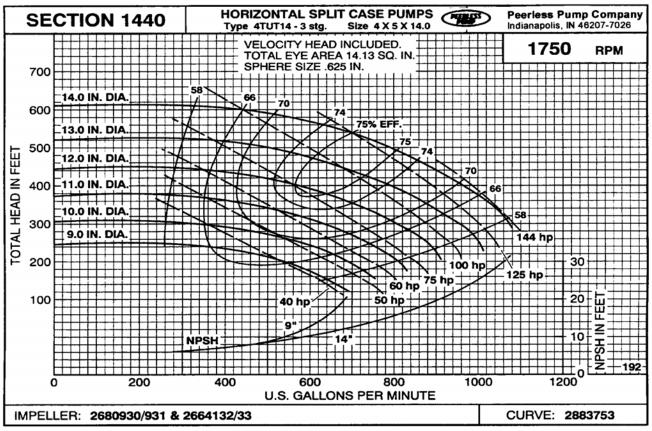


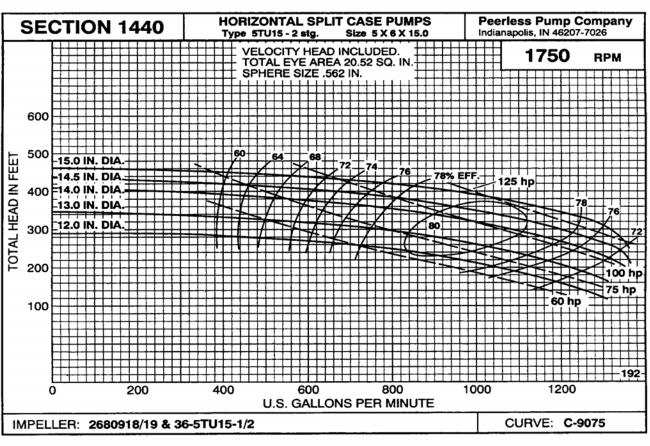


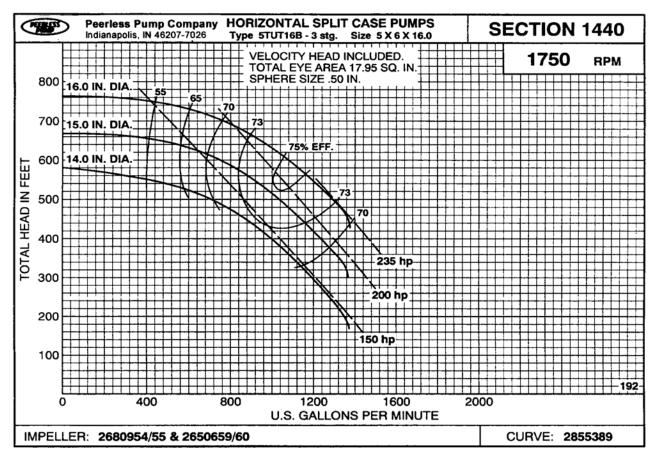


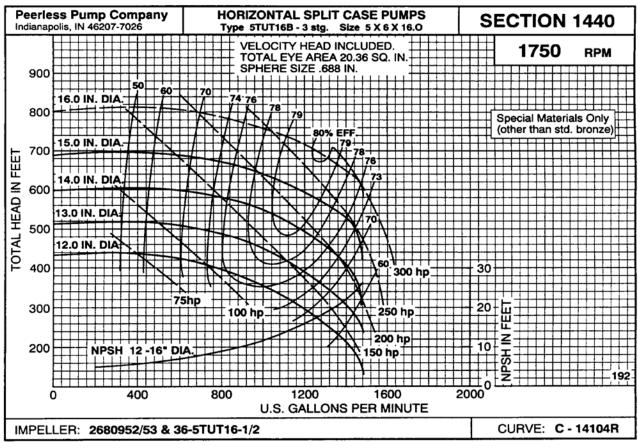


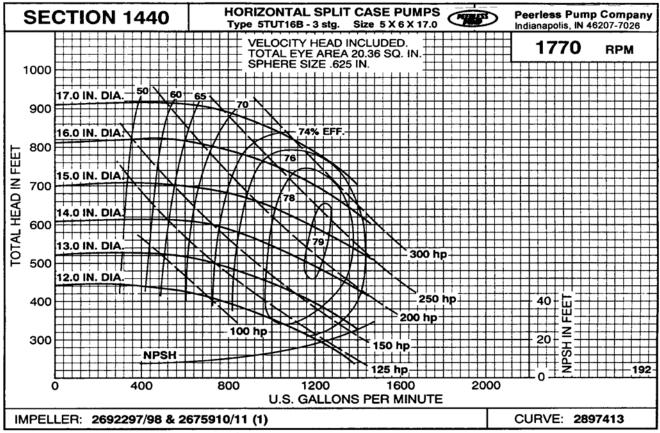




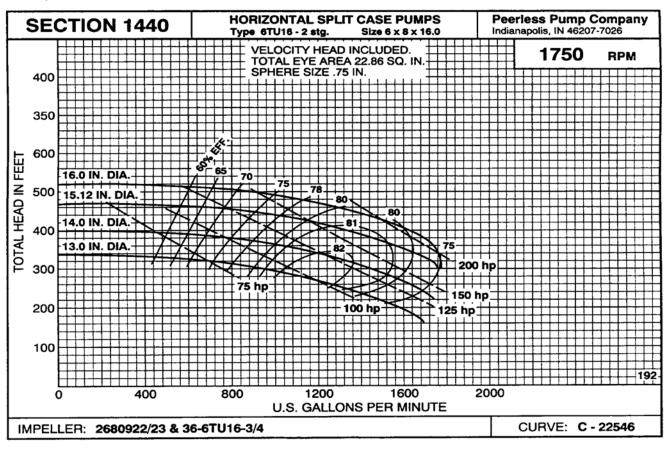


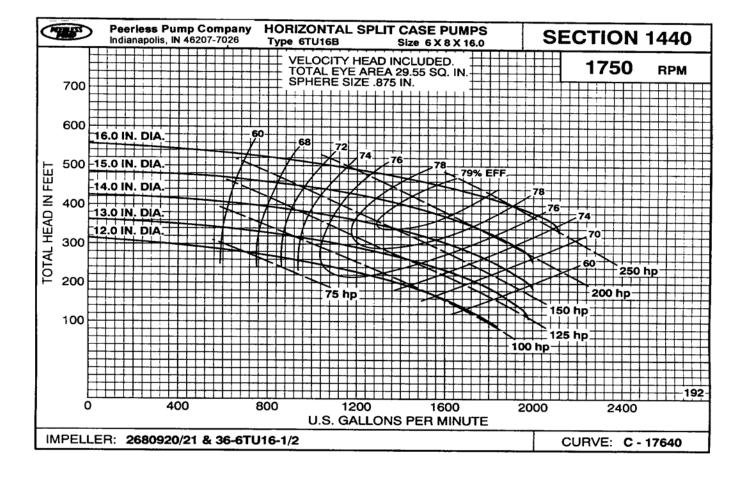


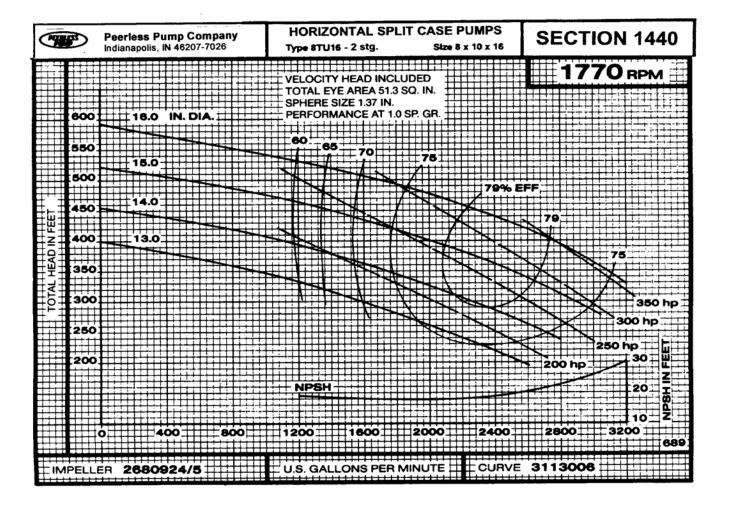




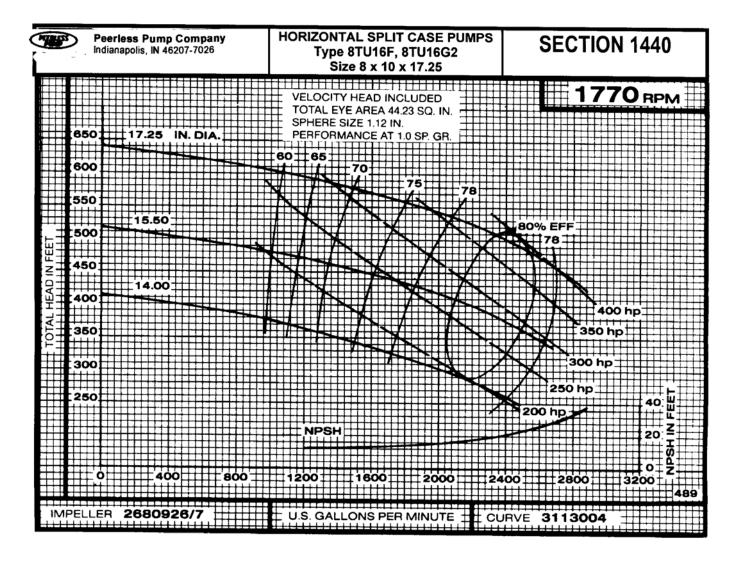
For silicon bronze impeller material only (standard bronze fitted pumps)
 For special materials use curves 2855389 or C-14104R for 1750 RPM.



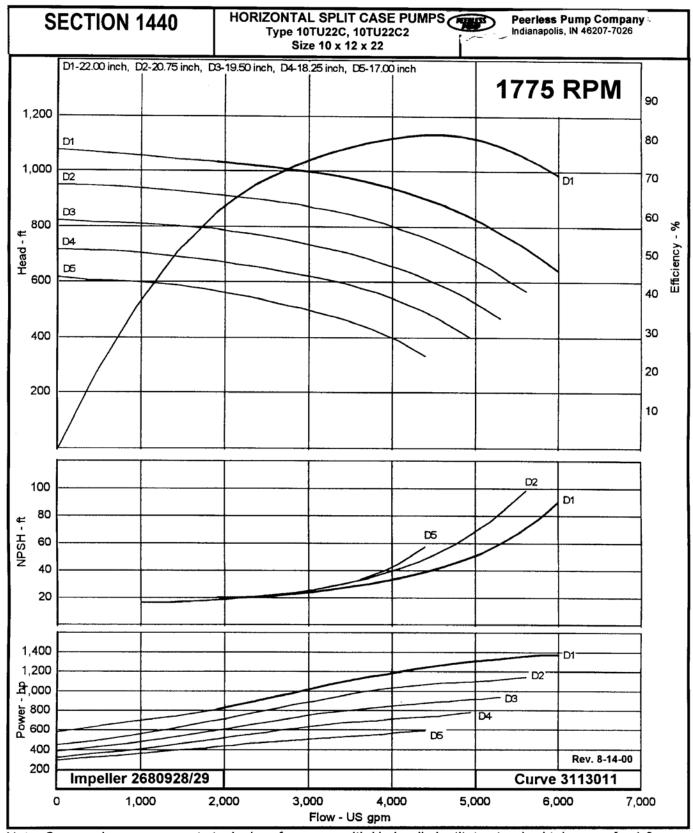




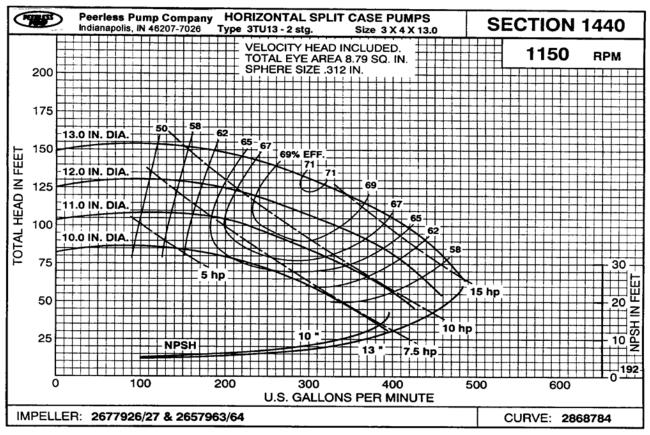
Page 24 Revised 6-92

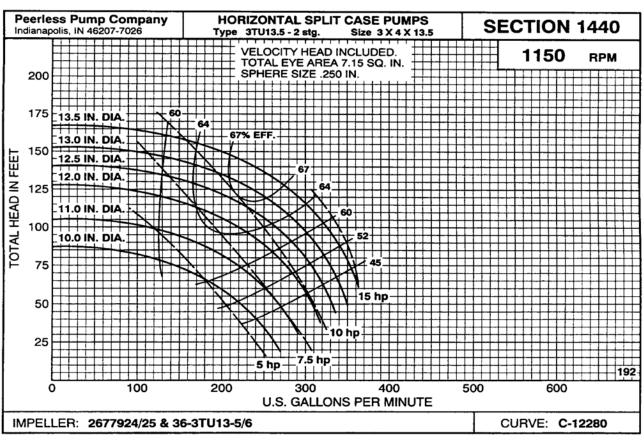


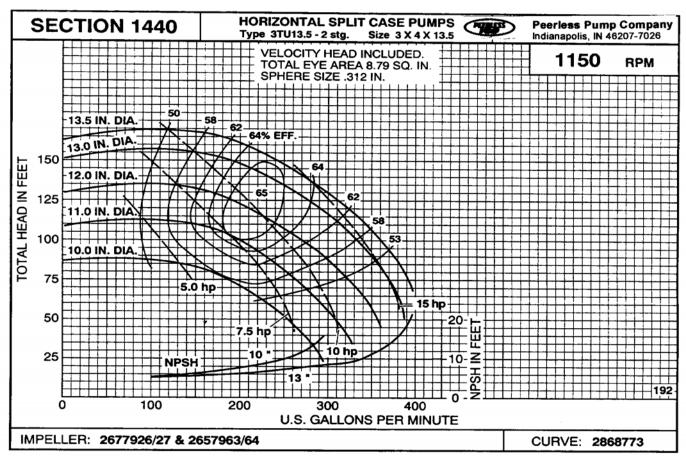
Page 25 Rev. 8-00

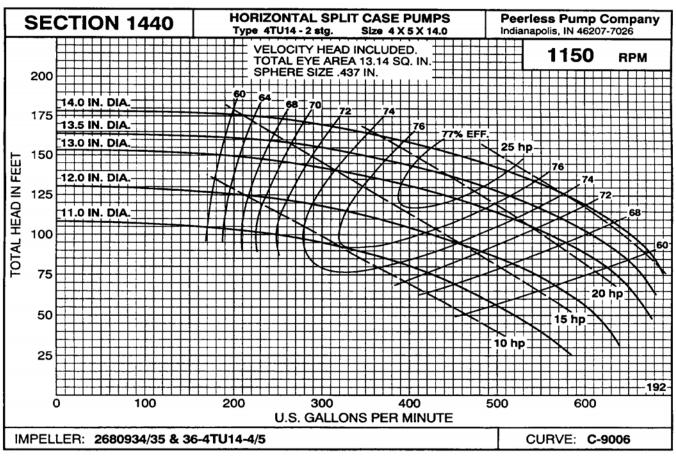


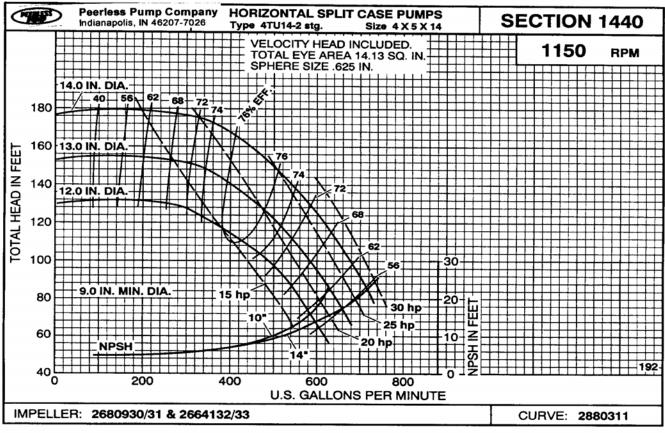
Note: Curves shown represents typical performance with Hydraulic Institute standard tolerance for 1.0 Specific Gravity fluids.

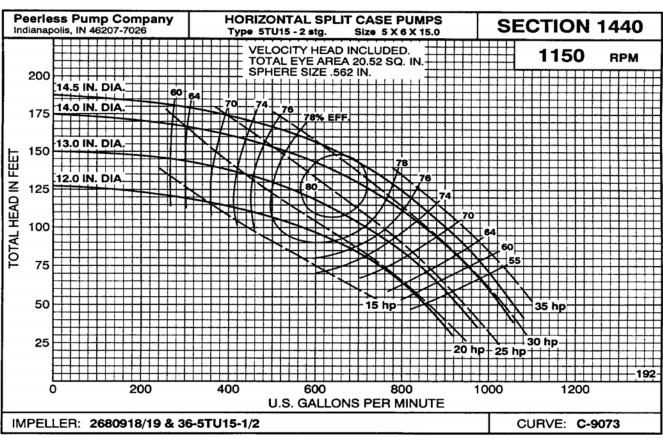


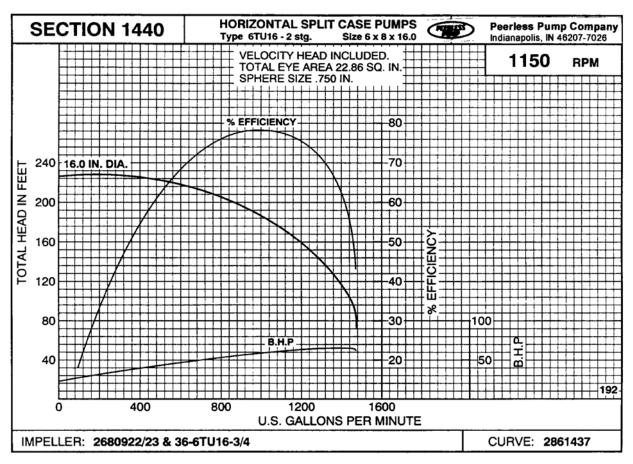


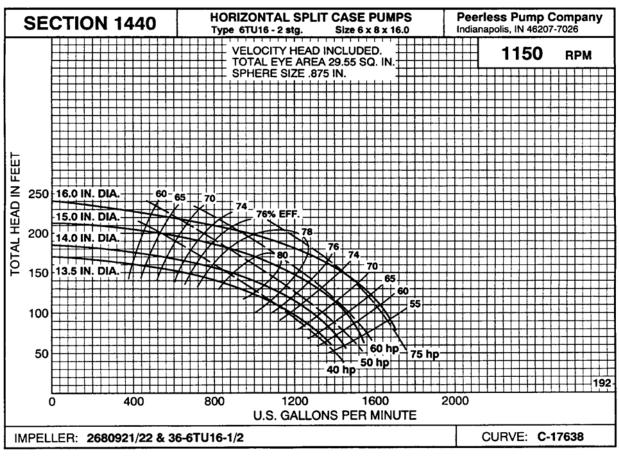


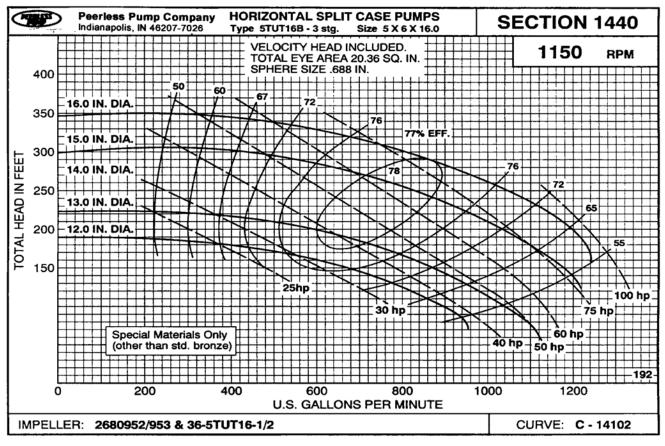


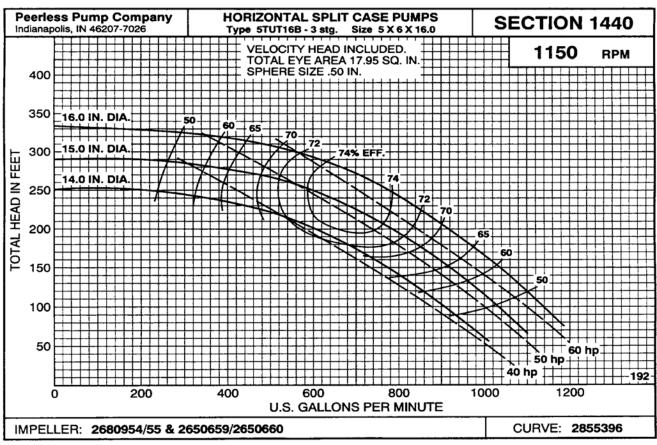


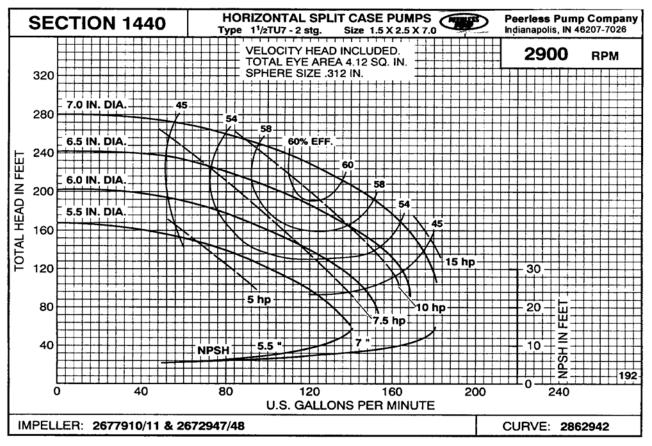


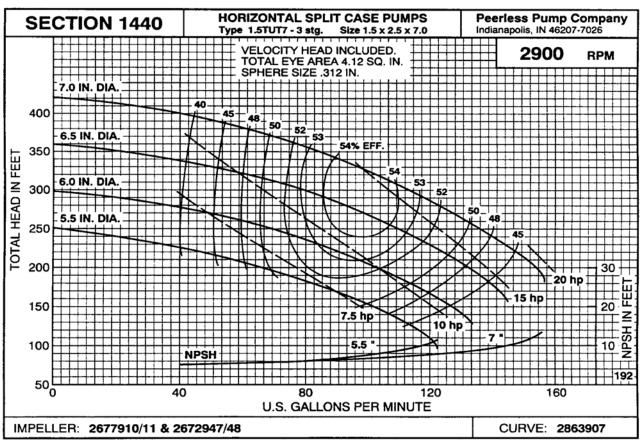


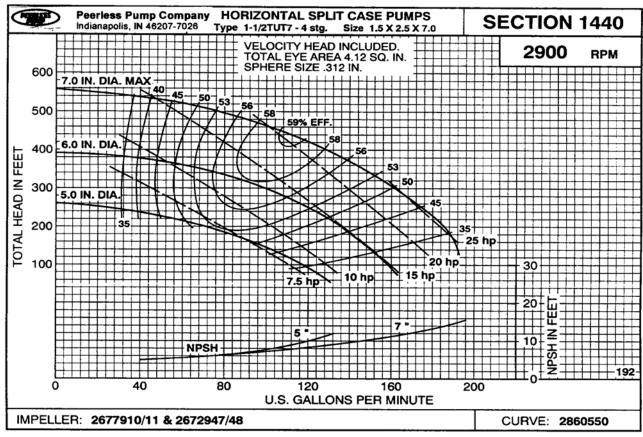


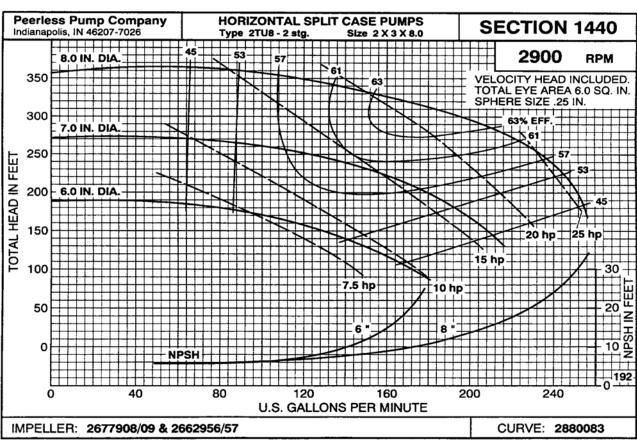


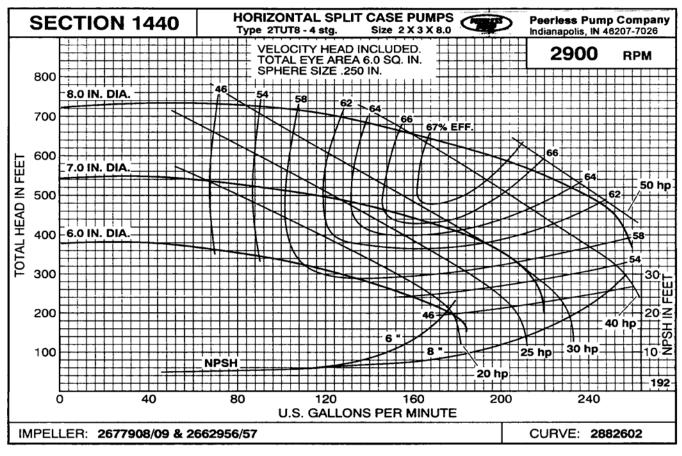


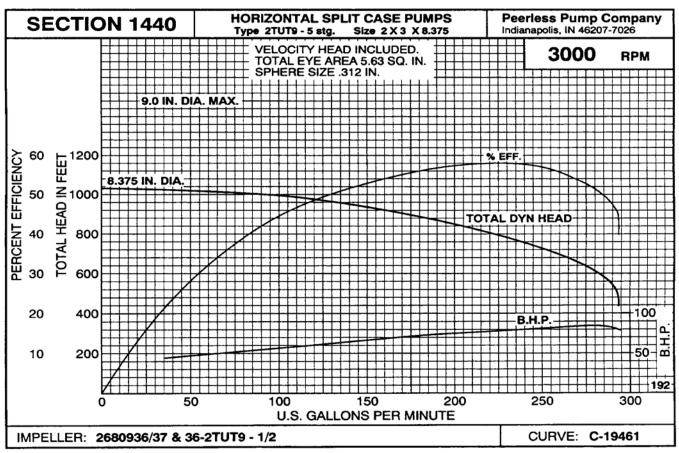


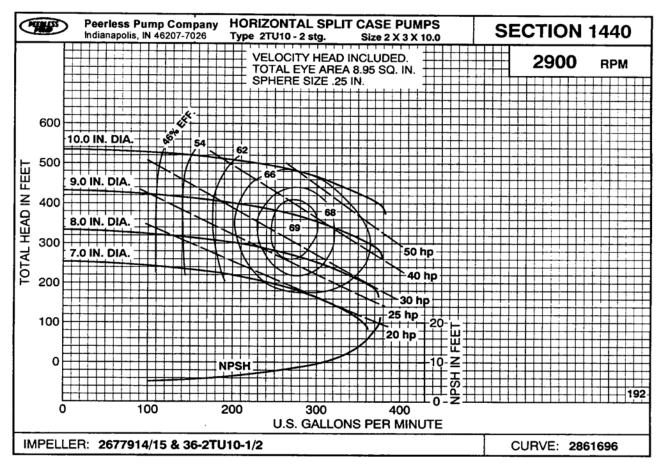


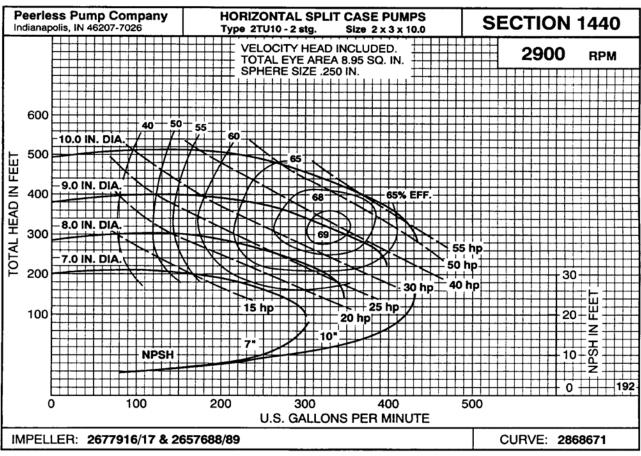


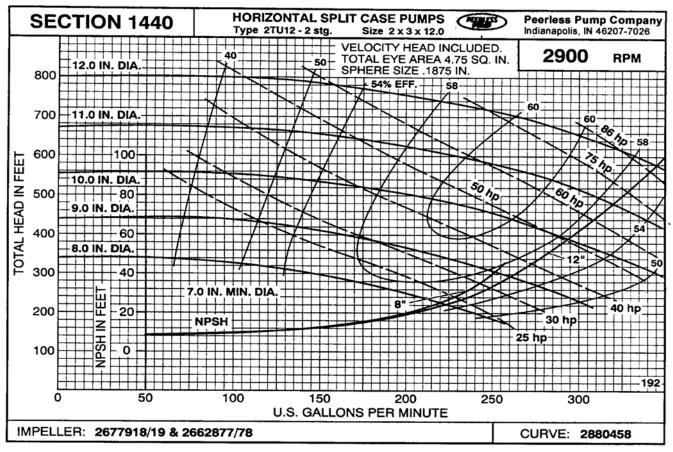


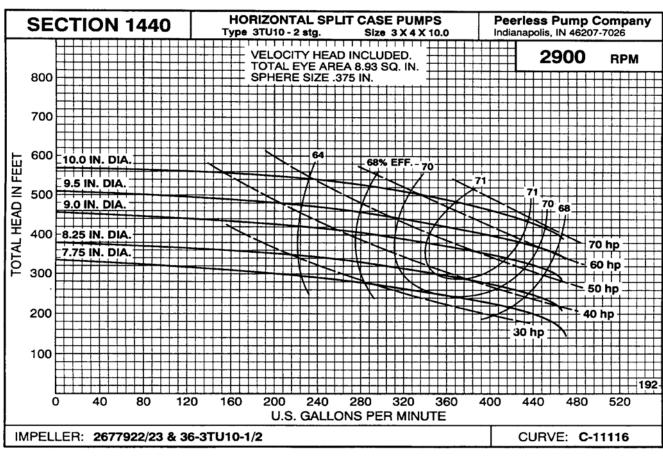


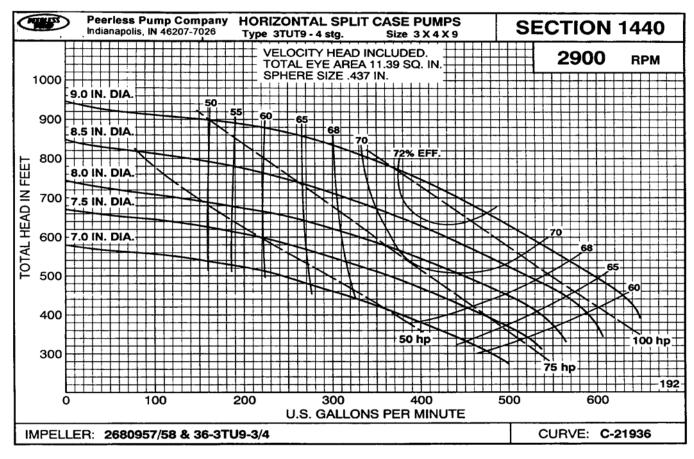


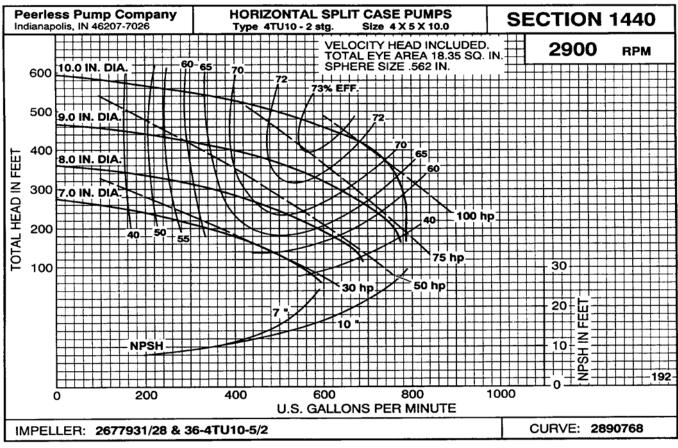


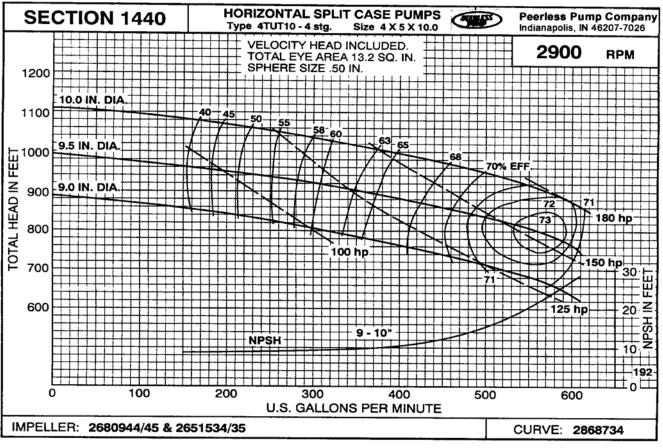


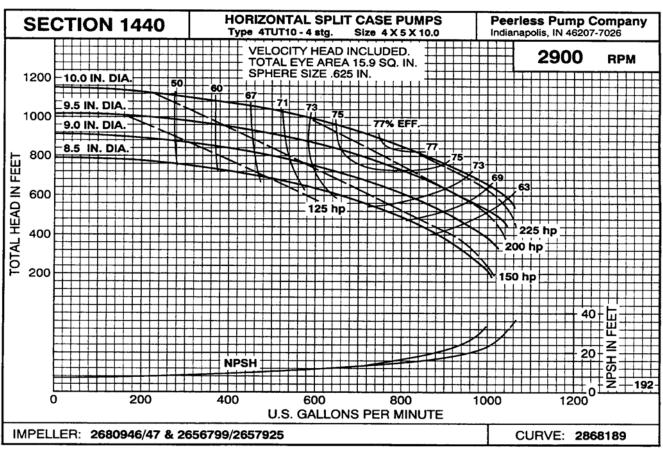


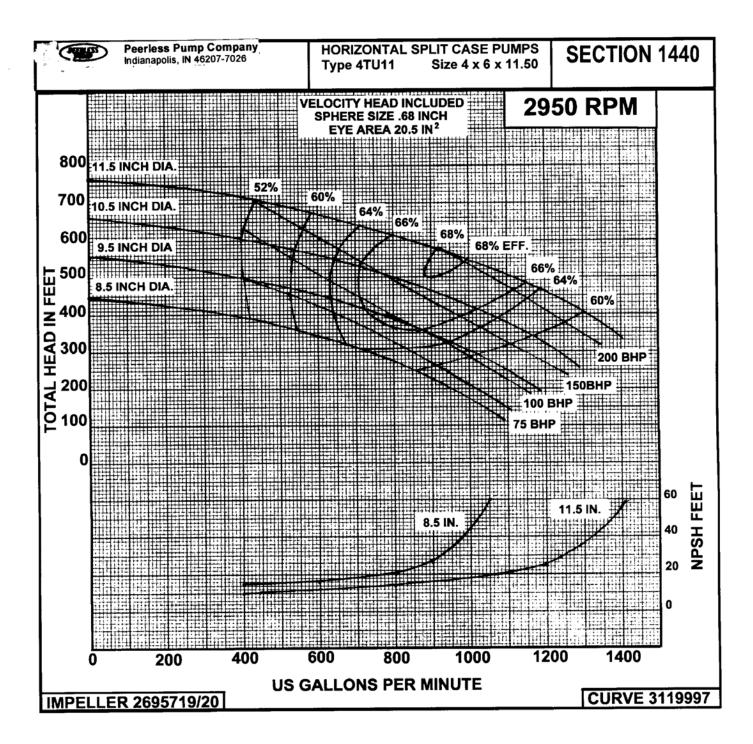


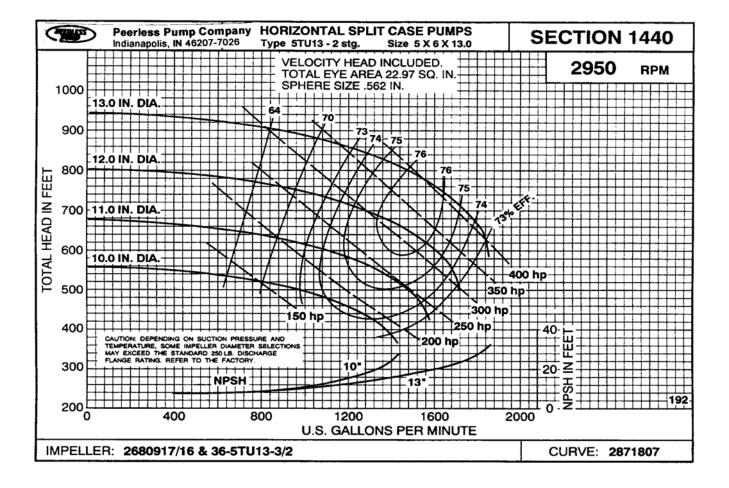


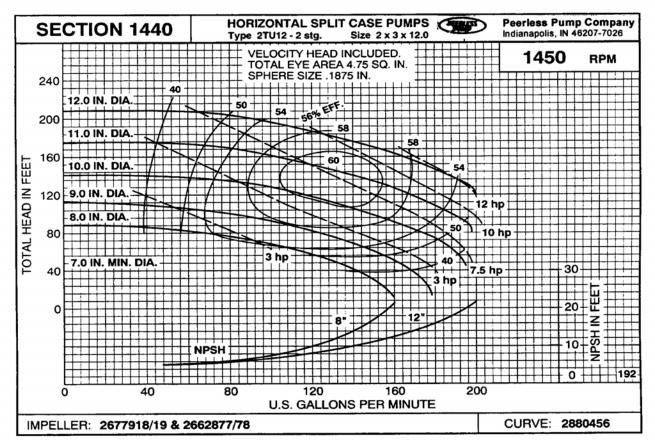


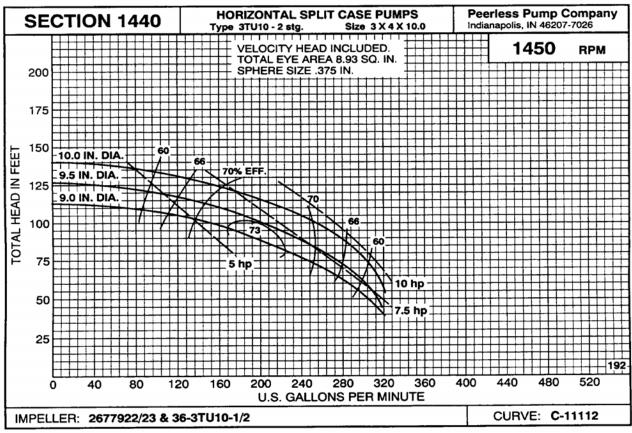


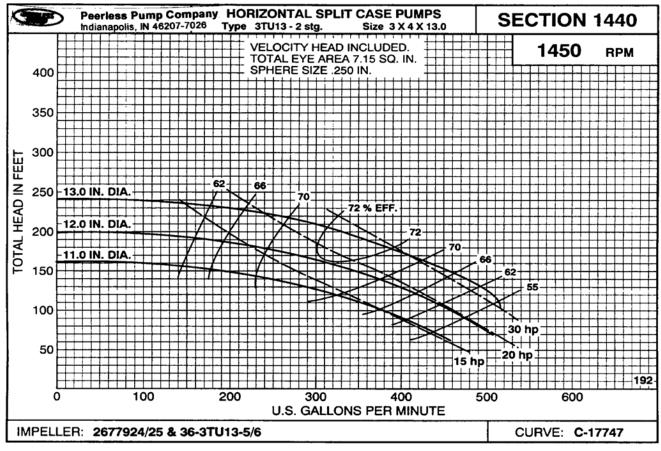


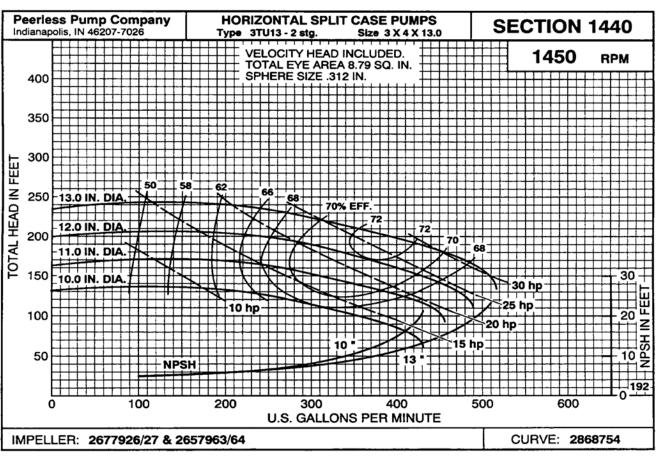


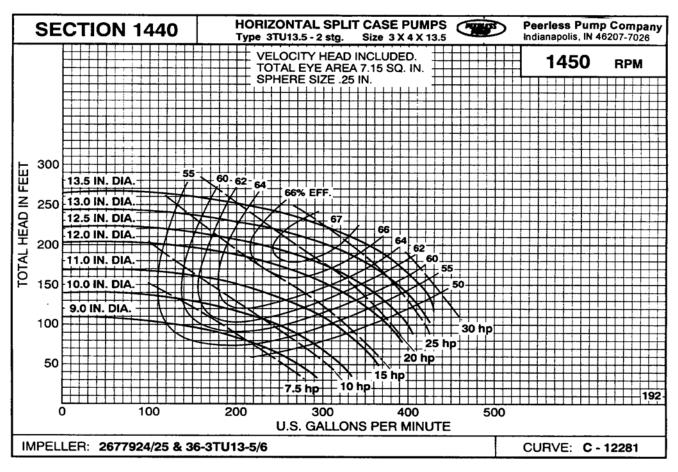


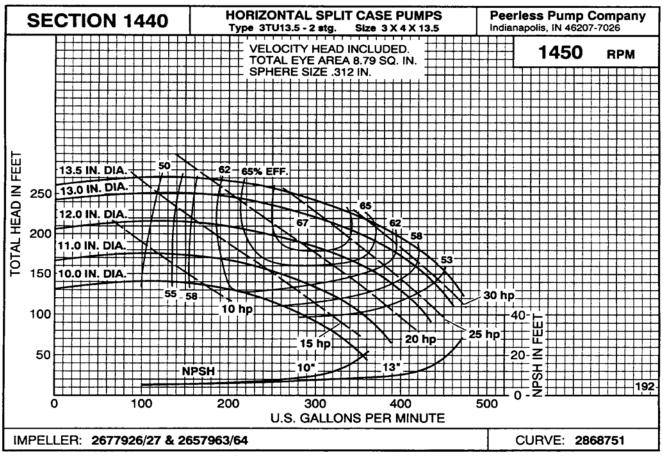


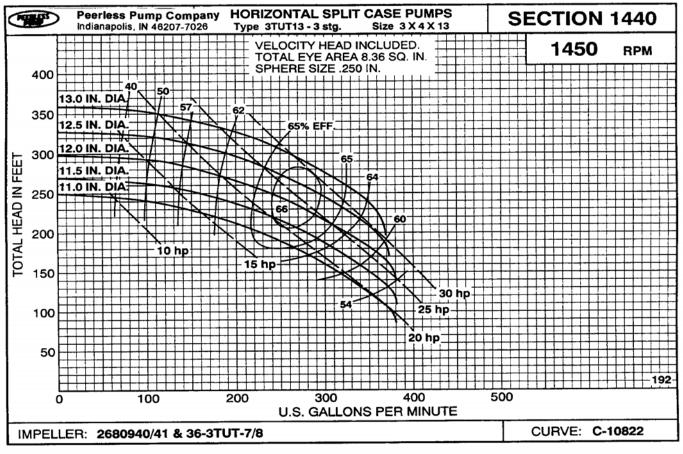


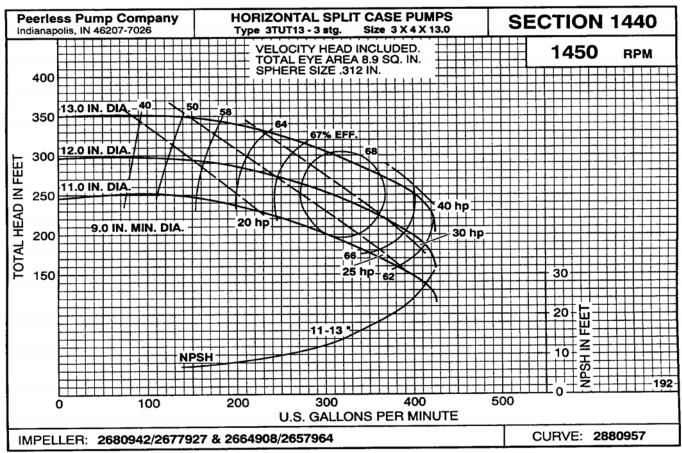


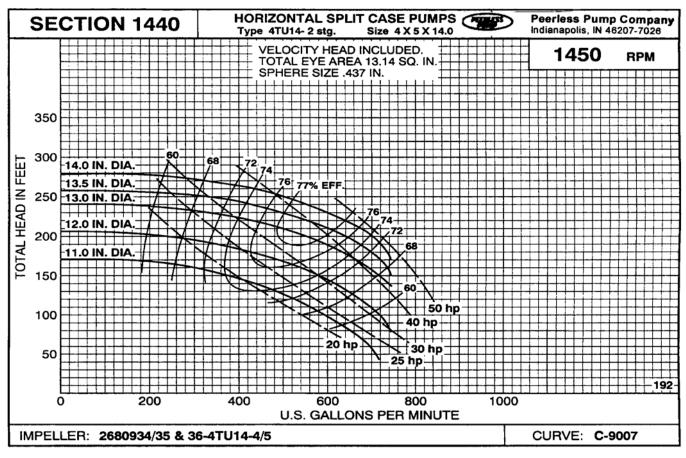


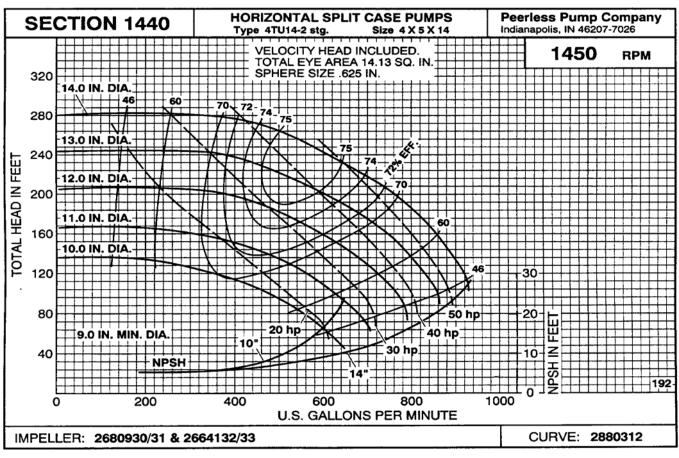


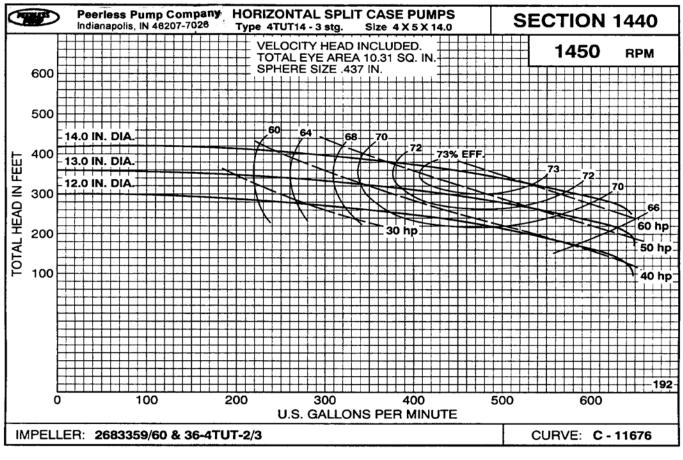


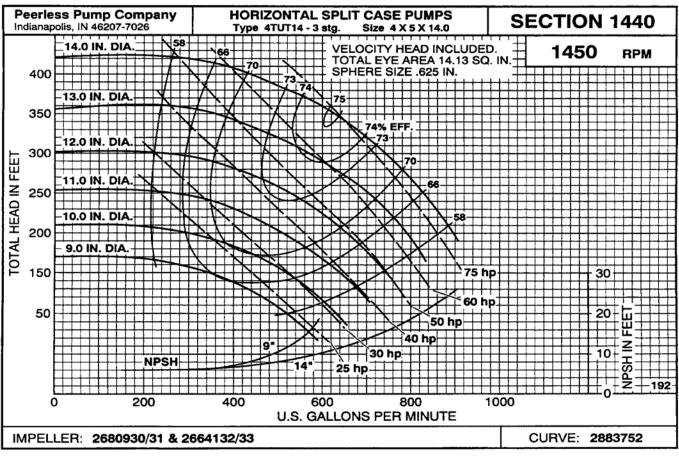


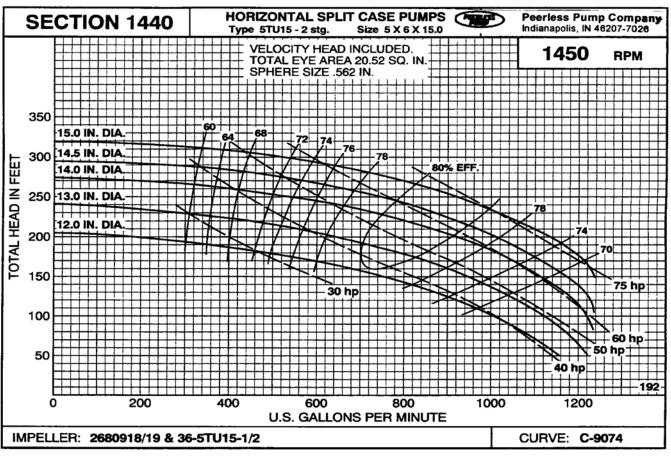


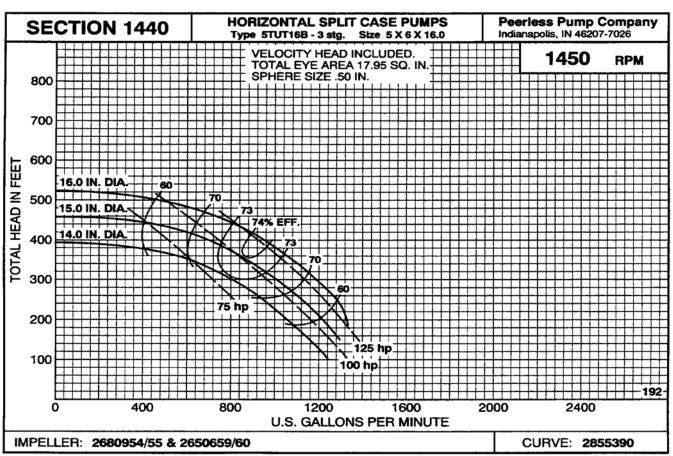


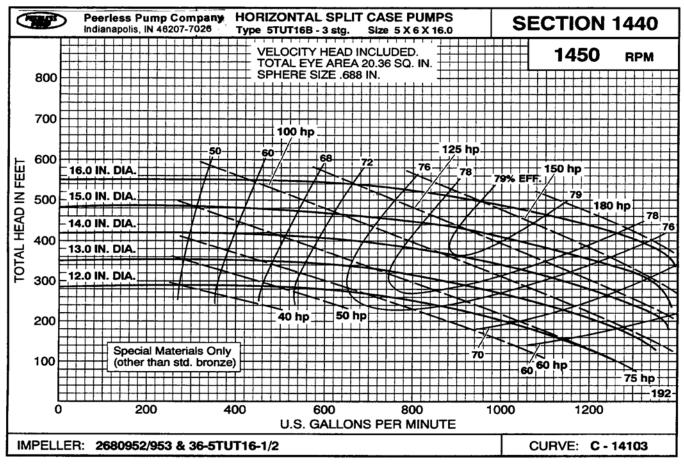


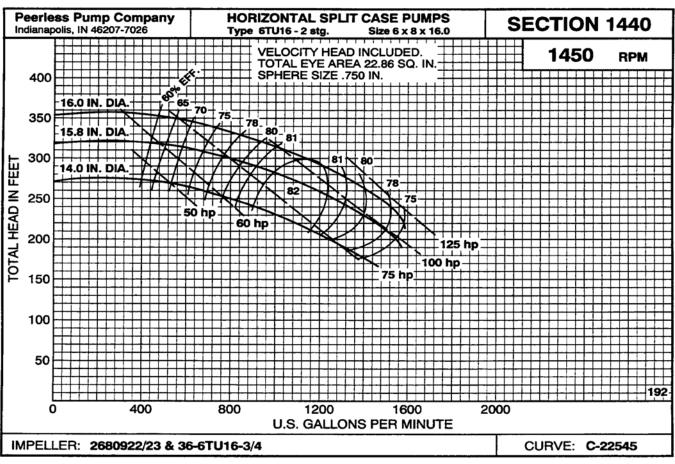


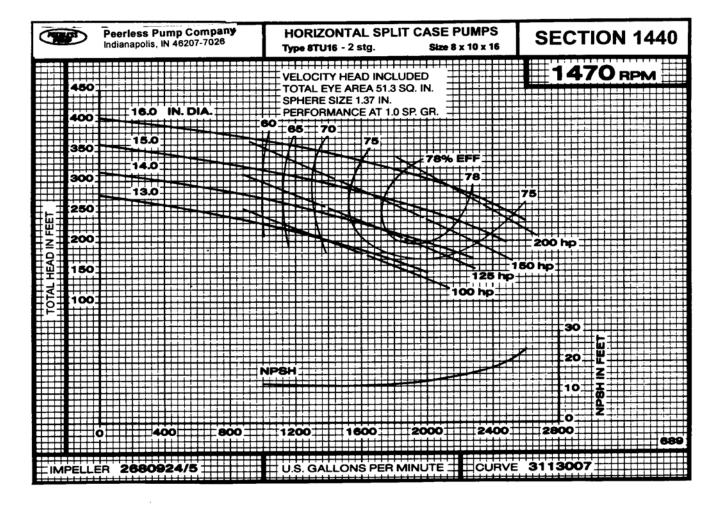




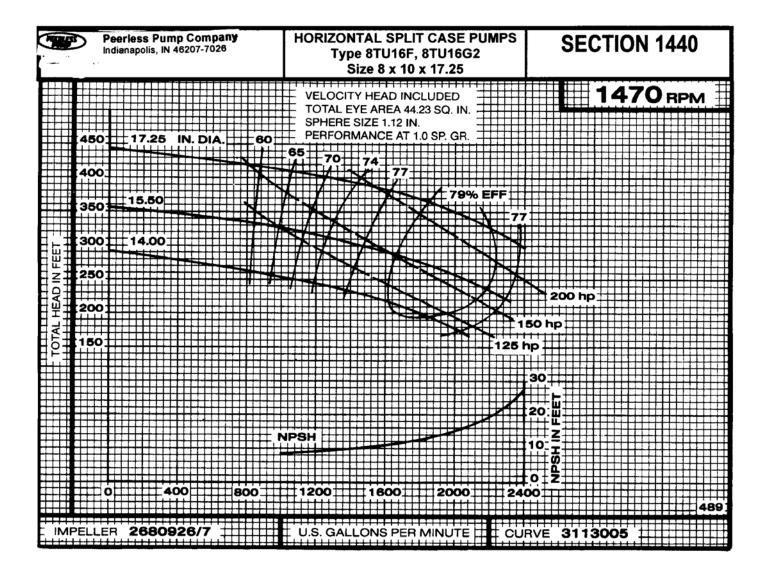




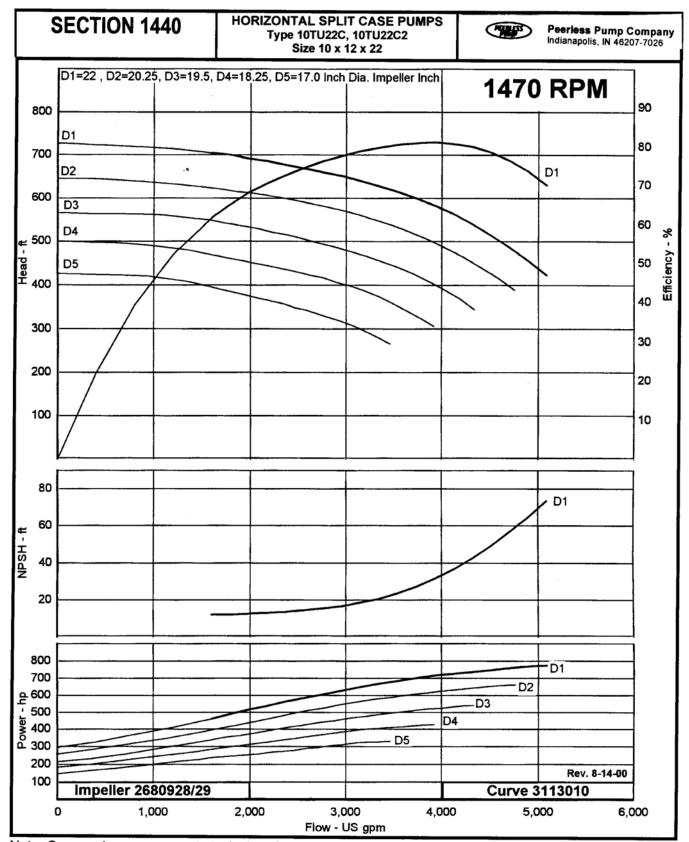




Page 48 Revised 6-92



Page 49 Rev. 8-00



Note: Curves shown represents typical performance with Hydraulic Institute standard tolerance for 1.0 Specific Gravity fluids.