Hydraulic and Pneumatic Industry Trends with NFPA

The National Fluid Power Association (NFPA) is the leading source of hydraulic and pneumatic industry data.

Plan Your Next Move
NFPA’s industry reports, outlook surveys, forecasts, and data sources allow our members to understand trends and anticipate change with a variety of trend graphs and data analysis for fluid power products, customer markets, and economic indicators.

Expert Analysis and Hard Data
Dynamic conferences, meetings and webcasts keep our members up to date on the latest economic conditions, emerging trends and industry insights for today’s ever-changing economic climate.

You have the Ideas, We Provide the Tools
From point-and-click online tools that automate time-consuming calculations, trend analysis, and custom forecasting to a user-friendly web dashboard that allows members custom access to industry information.

Find out how to become part of NFPA by calling Erica Halmstad at 414-778-3359, or email at ehalmstad@nfpa.com. Market information questions? Contact Eric Armstrong at earmstrong@nfpa.com or 414-778-3372.

Hydraulic and Pneumatic Shipments
Raw Index Data, Index: 2018=100

This graph of raw index data is generated by the total dollar volume reported to NFPA by CSS participants and compared to the average monthly dollar volume in 2018. For example, the June 2020 total dollar volume for pneumatic shipments are 96.2% of the average monthly dollar volume in 2018. (Base Year 2018 = 100)
Each point on this graph represents the most recent 12 months of orders compared to the previous 12 months of orders. Each point can be read as a percentage. For example, 76.6 (the May 2020 level of the industrial hydraulic series) indicates that industrial hydraulic orders received from June 2019 to May 2020 were 76.6% of the orders received from June 2018 to May 2019. (Base Year 2018 = 100)

**Total - Hydraulic and Pneumatic Shipments**

This graph of 12-month moving averages shows that in June 2020, hydraulic shipments decreased and pneumatic shipments remained unchanged. (Base Year 2018 = 100)
Shipments – Cumulative year-to-date % change (2020 vs. 2019)

<table>
<thead>
<tr>
<th></th>
<th>Total Fluid Power</th>
<th>Total Hydraulic</th>
<th>Total Pneumatic</th>
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<tbody>
<tr>
<td></td>
<td>Shipments</td>
<td>Shipments</td>
<td>Shipments</td>
</tr>
<tr>
<td>Mar-20</td>
<td>-9.2</td>
<td>-12.7</td>
<td>-8.3</td>
</tr>
<tr>
<td>Apr-20</td>
<td>-14.2</td>
<td>-17.5</td>
<td>-12.0</td>
</tr>
<tr>
<td>May-20</td>
<td>-17.7</td>
<td>-20.3</td>
<td>-13.3</td>
</tr>
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The table above is expressed in terms of cumulative percent changes. These changes refer to the percent difference between the relevant cumulative total for 2020 and the total for the same months in 2019. For example, May 2020 pneumatic shipments figure of -13.3 means that for the calendar year through May 2020, pneumatic shipments decreased 13.3% compared to the same time-period in 2019. (Base Year 2018 = 100)

Fluid Power Industry Growth Trend

The latest data published by the National Fluid Power Association shows industry shipments of fluid power products for June 2020 decreased 21.4% when compared to June 2019 and increased 10.3% when compared to last month. Mobile hydraulic and industrial hydraulic shipments decreased, while pneumatic shipments increased in June 2020 when compared to June 2019. Mobile hydraulic, industrial hydraulic and pneumatic shipments increased when compared to last month. These charts are drawn from data collected from more than 80 manufacturers of fluid power products by NFPA’s Confidential Shipment Statistics (CSS) program. Much more information is available to NFPA members, which allows them to better understand trends and anticipate change in their market and the customer markets they serve. Contact NFPA at 414-778-3344 for more info.