



"Dealing with a wide variety of issues i.e. designing, hydraulics, gas processing, project management - it's hard to keep up to date. **Knovel is very useful in cutting the time & effort required to search for material of interest.**

-Design Engineer, TRANSCANADA

Engineers at the world's most innovative companies and leading universities rely on Knovel to quickly locate relevant and reliable technical information.

# Getting Started with Knovel

Technical Information and Tools for Engineers

Get up to speed in a new area Solve a design problem Look up a chemical formula Locate a new material Compare properties of substances Improve processes Spec out project plans Validate assumptions and equipment

Knovel offers more than 20 core subject areas ranging from Aerospace to Chemistry and Mechanics to Safety.

- Adhesives, Coatings, Sealants & Inks
- Aerospace & Radar Technology
- Biochemistry, Biology & Biotechnology
- Ceramics & Ceramic Engineering
- Chemistry & Chemical Engineering
- Civil Engineering & Construction Materials
- Earth Sciences
- Electrical & Power Engineering
- Electronics & Semiconductors
- Environment & Environmental Engineering
- Food Science
- General Engineering & Engineering Management
- Industrial Engineering & Operations Management
- Mechanics & Mechanical Engineering
- Metals & Metallurgy
- Nanotechnology
- Oil & Gas Engineering
- Pharmaceuticals, Cosmetics & Toiletries
- Plastics & Rubber
- Safety & Industrial Hygiene
- Sustainable Energy and Development
- Transportation Engineering
- Textiles

Engineers use Knovel for faster access to the right technical information:

- Best practices
- Process improvement
- Safety compliance
- Disruption resolution
- Energy efficiency
- Failure analysis
- Get up to speed on new technologies
- Materials selection
- Product design and development



[www.knovel.com](http://www.knovel.com)



Know More. Search Less.

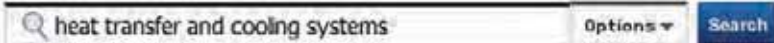
Knovel provides quick and accurate answers to your questions:

What if? What is? How do I?

### Optimized Search for Engineers

Knovel's search engine is optimized to deliver the results that engineers need. With Knovel, there is no need to waste time with countless irrelevant and unreliable hits from web search engines to locate the right information.

Enter a search term—



Results are returned from vetted professional handbooks and databases. Icons indicate availability of additional analysis tools. **Keyword hits are shown in context—where they occur within the text.**



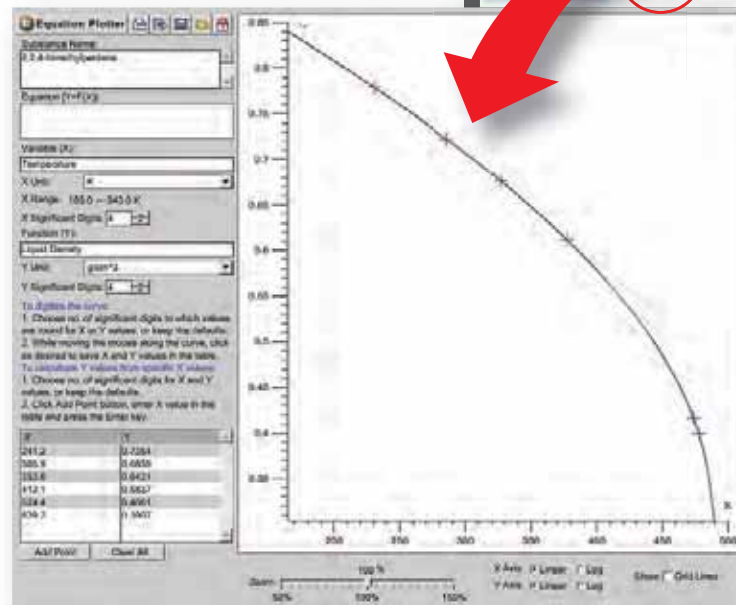
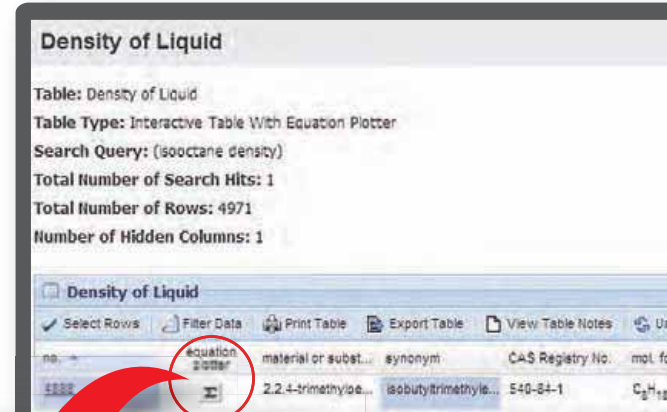
### Trusted Information

Drawing from more than 50 leading technical publishers and professional societies including AIAA, AIChE, ASHRAE, ASME, and SAE, Knovel ensures that technical information is relevant, reliable and of professional quality.

### Data Analysis Tools

Knovel delivers answers engineers can trust, and it provides tools to further analyze the results. Use the data – sort it, compare it and vet it – then export the results for later use. Retrieve data from traditionally static tables in a book. Only relevant rows are returned. **Note that only 1 row of 4971 is relevant to the search query, saving significant time weeding through pages of text.**

With Knovel's live graphs and equations, engineers can accurately plot points, test ranges for 'what if scenarios' and solve real-world problems without calculating complex equations or redrawing a static image.



**No other resource takes into account your critical need for analysis. Knovel's tools help you to maximize your time so you and your team – whether on-site or in the field – can collaborate and deliver projects on time every time.**