

# Sesi Demo Pangkalan Data Knovel

Dimaklumkan PTSL akan mengadakan sesi demo Knovel pada butiran seperti berikut;

**Tarikh : 9 Oktober 2012 (Selasa)**  
**Masa : 10.30 pg - 12.30 tgh**  
**Tempat : Makmal Pra-Siswazah, siber@ptsl, Aras 4,**  
**Perpustakaan Tun Seri Lanang**  
**Oleh: Mr. Barry Edmonds / Mr. Edward Kennedy**  
**(United Technology)**

*Knovel is a web-based application integrating technical information with analytical and search tools to drive innovation and deliver answers engineers can trust*

<http://www.knovel.com>



Kepada pelajar dan para akademik yang berminat, dijemput hadir ke sesi ini.

**Untuk pendaftaran: <http://alturl.com/jjo2e> atau  
sila hubungi Meja Penasihat Pembaca/ Kaunter siber@ptsl di  
03-8921 3446/ 5848**



"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.

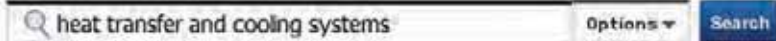
Knovel provides quick and accurate answers to your questions:

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—

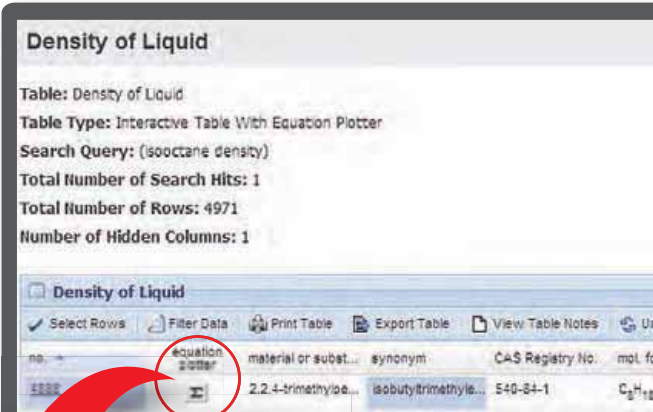


Results are returned from vetted professional handbooks and databases. Icons indicate availability of additional analysis tools. **Keyword hits are shown in context—where they occur within the text.**

### 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.

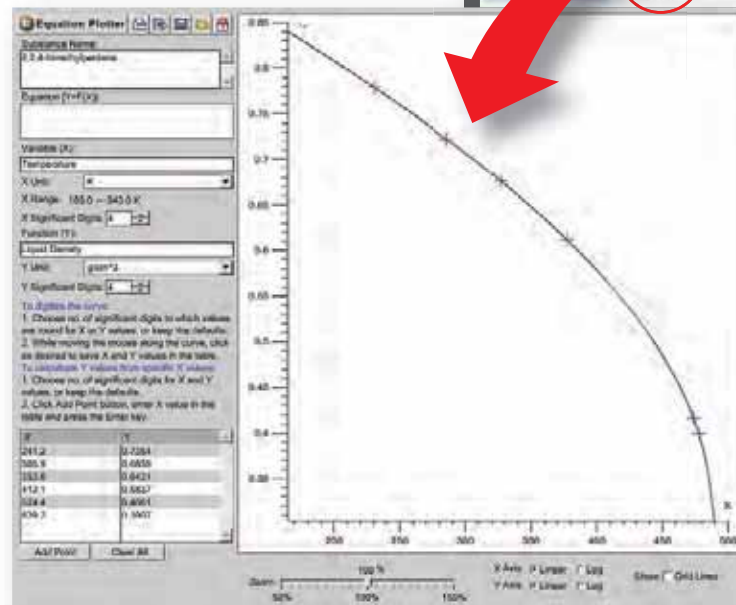


**Density of Liquid**  
Table: Density of Liquid  
Table Type: Interactive Table With Equation Plotter  
Search Query: (isooctane density)  
Total Number of Search Hits: 1  
Total Number of Rows: 4971  
Number of Hidden Columns: 1

Density of Liquid

Select Rows  Filter Data  Print Table  Export Table  View Table Notes  Un

no.	equation editor	material or subst...	synonym	CAS Registry No.	mol. for
1888		2,2,4-trimethylp...	isobuty/trimethyl...	540-84-1	C <sub>8</sub> H <sub>18</sub>



**Knovel** heat transfer and cooling systems options Search Recent Searches

My Knovel Browse Data Search Tools Support

COLLAPSE ALL Number of Titles Retrieved: 165 Page: 1 of 6

You searched for (heat transfer and cooling systems)

Add Search to My Knovel

Titles: Relevancy

Titles:	Relevancy	Content Type
 Energy Efficiency Manual	100 %	
SecBooks		
32. Compression Cooling	100 %	 Text
2.11.1 Install Cooling Thermal Storage	75 %	 Text
Interactive Index to the Measures	75 %	 Table (3)
Index	50 %	 Text
10.2.1 Trim Pump Impellers to Match Pump Output to System Pressure and/or Flow Requirements	25 %	 Text

[Show more results](#)

 2008 ASHRAE Handbook - Heating, Ventilating, and Air-Conditioning Systems and Equipment (I-P Edition)	52 %	 Table
 Radiant Heating and Cooling Handbook	30 %	
 2009 ASHRAE Handbook - Fundamentals (I-P Edition)	49 %	

### 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.

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.