

Lecture 3.27

3.2 Refrigerants and lubricants:

Refrigeration & Air Conditioning

Agenda

- 3.2 Refrigerants and lubricants:

3.2 Refrigerants and lubricant - Part 1

- Primary vs Secondary refrigerants.
- Detailed explanation of the concept.
- Relevant theory and practical example.

3.2 Refrigerants and lubricant - Part 2

- Low boiling point, high latent heat.
- Detailed explanation of the concept.
- Relevant theory and practical example.

3.2 Refrigerants and lubricant - Part 3

- Green refrigerants: R290, R600a, CO₂, Ammonia.
- Detailed explanation of the concept.
- Relevant theory and practical example.

3.2 Refrigerants and lubricant - Part 4

- Leak detection methods.
- Detailed explanation of the concept.
- Relevant theory and practical example.

3.2 Refrigerants and lubricant - Part 5

- Lubricants must be miscible.
- Detailed explanation of the concept.
- Relevant theory and practical example.

3.2 Refrigerants and lubricant - Part 6

- Additional detail 6
- Detailed explanation of the concept.
- Relevant theory and practical example.

3.2 Refrigerants and lubricant - Part 7

- Additional detail 7
- Detailed explanation of the concept.
- Relevant theory and practical example.

Key Takeaways

Critical understanding of 3.2 Refrigerants and lubricants: is essential for proper refrigeration and air conditioning system design.