

Document Code: MRS-REF-134A

1. Product Description

High performance HFC refrigerant engineered for industrial cooling, HVAC and chiller systems. Zero ODP. Designed for optimized thermodynamic efficiency and compressor reliability.

2. Physical & Thermodynamic Properties

| Property | Value |
|----------------------|--------------|
| Molecular Weight | 102.03 g/mol |
| Boiling Point | -26.1 °C |
| Critical Temperature | 101.1 °C |
| Critical Pressure | 40.6 bar |
| GWP | 1430 |
| ODP | 0 |

3. Saturation Pressure – Temperature Table

| Temp (°C) | Pressure (bar) |
|-----------|----------------|
| -10 | 1.92 |
| 0 | 2.63 |
| 10 | 3.58 |
| 20 | 4.75 |
| 30 | 6.14 |

4. Application & Safety Information

Compatible with POE lubricants. ASHRAE A1 safety classification (non-flammable, low toxicity). Ensure compliance with local refrigeration handling and environmental regulations.

Technical Disclaimer: Values provided are typical data and may vary depending on operating conditions. Design validation remains resp

| Revision | Date | Prepared By |
|----------|------------|--------------------|
| Rev.00 | 02.03.2026 | Marsis Engineering |