

# Icematic<sup>NXG</sup> 5000 Series

Engineered Solutions for Low GWP Transitional Refrigerants

## Description

The **Icematic® 5000** series represents CPI's commitment to provide engineered solutions that meet the requirements of transitional lower GWP refrigerants. **Icematic® 5000** series is recommended for use in factory fill and/or retrofits of residential air-conditioning, and room air-conditioning compressors operating with transitional HFO blends and HFC refrigerants replacing R-410A.



## Applications

- Residential Air-Conditioning Compressors
- Room Air-Conditioning Compressors

## Features & Benefits

<b>Refrigerant Compatibility</b>	Suitable for R-410A, R-32, R-452B, & other R-410A replacements
<b>Excellent Lubricity</b>	Prolonged system life
<b>Chemical Stability</b>	Compatible with common compressor materials of construction
<b>Thermal Stability</b>	Enables operation over a wide temperature range

## Typical Properties

Analysis	ASTM Method	NXG 5010	NXG 5015	NXG 5020	NXG 5130
Viscosity @ 40°C, cSt	D445	31.8	38.5	45.67	65.8
Viscosity @ 100°C, cSt	D445	5.86	6.8	7.48	9.6
Viscosity Index	D2270	129	129	129	127
Density @ 20.0°C, g/mL	D4052	1.0166	1.0203	1.0191	1.02
Acid Number, mg KOH/g	Mod. D974	0.05	0.03	0.03	0.03
Water, ppm	D6304	<50	<50	<50	<50
Flash Point, °C	D92	254	265	266	277
Fire Point, °C	D92	284	293	284	321
Pour Point, °C	D97	-63	-57	-57	-45
Color (Hazen)	D1500	67	67	52	37
Dielectric Breakdown Voltage (kV)	D877	38.7	38.7	39.9	45

**CPI Fluid Engineering**  
www.cpifluideng.com



**North and South America**  
The Lubrizol Corporation  
2300 James Savage Road  
Midland, MI 48642, USA

Telephone: 1 (989) 496-3780  
Email: sales@cpifluideng.com

**Europe, Middle East and Africa**  
Lubrizol Limited  
Pavilion One, Belasis Court  
Greenwood Road  
Stockton-on-Tees  
TS23 4AZ, UK

Telephone: +44 1642 565266  
Email: euafricamesales@cpifluideng.com

**Asia-Pacific**  
Lubrizol Southeast Asia (Pte) Ltd  
44 Tanjung Penjuru  
Singapore 609032

Telephone: +65 6663 8684  
Email: asiasales@cpifluideng.com

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