



APPLICATIONS

Eni Betula ESX 220 is an ester based synthetic lubricant for rotating or reciprocating refrigerating compressors used in domestic or industrial applications; particularly recommended for hermetic, semi-hermetic and open-type compressors or heat pump systems where HFC refrigerating fluids are used (R134a, R404a, R407c, R507).

CUSTOMER ADVANTAGES

- Very long draining intervals
- Compressor efficiency ensured by low tendency of lubricant to create carbon deposits
- Prevention of particles solidification inside the expensor circuit thanks to extremely low flocculation and pour points
- Optimal lubrication ensured even in case of broad temperature variations
- Robust protection from wear of all components submitted to friction

SPECIFICATIONS & APPROVALS

- ISO 6743/3 DRD
- ISO 6743/3 DRE
- DIN 51503 KD





CHARACTERISTICS

| Properties | Method | Unit of Measure | Typical |
|-------------------|-------------|--------------------|---------|
| Appearance | Visivo | - | clear |
| Density at 15°C | ASTM D 1217 | kg/m ³ | 978 |
| Viscosity at 40°C | ASTM D 445 | mm ² /s | 220 |
| Viscosity Index | ASTM D 2270 | - | 100 |
| Pour point | ASTM D 97 | °C | -30 |
| Flash point (COC) | ASTM D 92 | °C | 295 |



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