

## HFC REFRIGERATION 32 (R134A)

### Description

POWER UP Refrigeration Compressor Oils are high performance fully synthetic lubricants specifically designed for the lubrication of refrigeration compressors and systems using ozone-friendly synthetic HFC refrigerants as well as recently developed HFO refrigerants and HFO/HFC blends with lower Global Warming Potential than HFC's, including A1 and A2L refrigerants as per ASHRAE 34/ISO 817 safety classification.

### REDEFINING LIQUID ENGINEERING

### Performance Benefits

|   |   |
|---|---|
| <b>Excellent high temperature stability</b>                                   | <b>Very effective to rust and corrosion</b>   |
| <b>Well defined miscibility and P-V-T relationships with HFC refrigerants</b> | <b>Assures high system efficiency and proper oil return in refrigeration system designs</b> |
| <b>Very good anti-wear properties</b>   | <b>Reduced compressor wear resulting in lower maintenance costs</b>                         |

### Applications

| TESTING METHODS                      | RESULTS |
|--------------------------------------|---------|
| ISO VG GRADE                         | 32      |
| VISCOSITY, ASTM D445                 |         |
| cSt @ 40 °C                          | 28-33   |
| cSt @ 100 °C                         | N/A     |
| Viscosity Index, ASTM D 2270         | 125     |
| Sulfanated Ash, Wt%, ASTM D874       | 1.0     |
| Total Base # , mg KOH/g, ASTM D 2896 | N/A     |
| Pour Point, °C, ASTM D 97            | -40     |
| Flash Point, °C, ASTM D 92           | 220     |

PRODUCTS AVAILABLE IN 18L, 200L

Suitable for

- R134a
- R507a
- R500

## **Health, Safety & Environment**

### Health and Safety

- Our Lubricant is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.
- Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.advancelubholdings.com>
- Protect the Environment Take used oil to an authorized collection point.
- Do not discharge into drains, soil or water. Additional Information Advice on applications not covered here may be obtained from our representative.