Advanced Lubrication Specialties 420 Imperial Court Bensalem, PA 19020 United States Tel: (215) 244-2114 Fax: (215) 244-2118 www.advancedlubes.com



DVANCEL

SO 9001:2008 Registered

OVERVIEW

ADVANTAGE DP COMPRESSOR OILS are dual purpose fluids designed for long service life in BOTH air AND ammonia compressors. These superior quality compressor fluids utilize premium base stocks, long-life additive systems, and specialty agents to provide improved performance and efficiency in rotary, reciprocating, vane, and screw compressors.

FEATURES & BENEFITS

ADVANTAGE DP COMPRESSOR OILS feature low pour points, low volatility, and high viscosity indexes which impart these products with great low temperature properties, long fluid life, and ensure stay-in-grade service with minimum requirement for top-off or makeup oil. The unique additives in **ADVANTAGE DP COMPRESSOR OILS** minimize deposit and varnish formations and allow these products to resist breakdown due to thermal degradation. Suitable for use in air compressors, ammonia compressors, and compressor systems utilizing refrigerants such as R-33 and R-502 (not recommended for R-12 or R134a), **ADVANTAGE DP COMPRESSOR OILS** are compatible with most commonly found seal material in air and refrigeration compressors.

APPLICATIONS

ADVANTAGE DP COMPRESSOR OILS are recommended for rotary, reciprocating, vane, and screw air and refrigeration compressors. They are long-life, premium compressor fluids and can be used as R&O, pump, circulating, steam turbine and blower fluids as well.

SPECIFICATIONS

AGMA 9005-F16 • ASTM D4304 TYPE I/II/III • DENNISION HF-1 • DIN 51506 VBL/VCL/VDL; DP 6521 • DIN 51515-1/2 • DIN 51524-1 • GB 12691/5904 • GEK 27070/28143B/32568J/46506E • ISO 6743-3A DAA (NORMAL DUTY), DAB (MEDIUM DUTY), DAB (SEVERE DUTY); DAG, DAH, DAJ; DR, DRA • MIL-L-17672D • P-38, P-55, P-54 • SIEMENS AG TVL 901304/901305 • US STEEL 126

TYPICAL PROPERTIES

| Product Code | 4510 | 454 | 453 | 447 | 474 | 4601 |
|----------------------------|---------|---------|---------|---------|---------|--------|
| ISO VG | 22 | 32 | 46 | 68 | 100 | 150 |
| Viscosity, cSt @ 40 °C | 20.7 | 34.1 | 46.1 | 70.9 | 96.2 | 154.9 |
| Viscosity, cSt @ 100°C | 4.2 | 5.9 | 7.0 | 9.3 | 11.3 | 14.5 |
| Viscosity Index | 105 | 114 | 111 | 108 | 103 | 90 |
| Pour Point °C, max/ | -45 | -40 | -40 | -35 | -35 | -21 |
| Flash Point, COC, °C, min. | 235 | 230 | 240 | 245 | 255 | 284 |
| TOST, D943, hrs. | 10,000+ | 12,000+ | 12,000+ | 10,000+ | 10,000+ | 5000+ |
| RPVOT, D2272, mins | >2,500 | >2,500 | >2,500 | >2,500 | >2,500 | >1,500 |

The data and OEM specifications listed are accurate to the best of our knowledge. This information listed is typical data and should not be considered a product standard nor a standard upon which acceptance or rejection of delivered product is to be based. It is the owner's responsibility to consult their equipment owner's manual and select the proper lubricant and viscosity grade for a given application. This data is subject to change without notification.