



## Airtop HT

### Synthetic compressor fluid for rotary screw applications

#### Description

Airtop HT synthetic compressor fluids are formulated with synthetic base stocks and special synergistic super high performance additives specifically for rotary screw air applications.

#### Benefits

- Excellent oxidation stability and long life at very high temperatures
- Very high VI index or better compressor protection at elevated temperatures
- Very high flash & auto-ignition points for added safety
- Low volatility and carry over into filters and storage tanks
- Excellent film strength and anti wear properties

- Very good coolant properties to help dissipate compressor heat
- Very long life fluid allows for extended oil drains
- Excellent carbon and varnish control to help reduce valve deposits
- Excellent rust & corrosion control

#### Applications

Airtop HT synthetic compressor fluids are used as lubricants/coolants in rotary screw air compressors.

#### Performance level

Airtop HT meets VDL requirements according to DIN 51506 and ISO 6743-3A DAJ.

#### Typical performance data

		HT 32	HT 46	HT 68	HT 100	HT 150
Viscosity Index	ASTM D2270	101	102	102	99	114
Viscosity cSt @ 40 °C	ASTM D445	34	46	67	103	152
Viscosity cSt @ 100 °C	ASTM D445	5,6	6,8	8,7	11,5	16,4
Flash point, °C	ASTM D92	214	218	221	226	246
Auto ignition point, °C	ASTM D92	322	327	331	335	360
Pour point, °C	ASTM D97	-34	-32	-30	-30	-24
Copper corrosion, 24 hr	ASTM D130	1a	1a	1a	1a	1a
Demulsibility, 54 °C, 30 min	ASTM D140	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0
4-ball wear test						
• Wear scar, 40 kg, 1200 rpm @ 75 °C, kg	ASTM D4172	0.45	0.45	0.44	0.44	0.40
• Welding load, kg	ASTM D2596	100	100	100	100	100
Rust test (distilled water, sea water)		Pass	Pass	Pass	Pass	Pass

All performance data on this Technical Data Sheet are indicative only and can vary during production

**Matrix Specialty Lubricants BV - info@lubes-portal.com - www.lubes-portal.com**