

Castrol Compressor Oil Delivers Lower Cost and Improved Performance

PULP & PAPER (USA)

ROTARY SCREW COMPRESSORS

Castrol Aircol® SR 46

ANNUAL SAVINGS: \$2,650 estimated

THE SITUATION

A molded fiber tray company was using a PAO synthetic compressor oil at a very high price. This oil was designed for an 8,000-hour running time and used in their four (4) Quincy 1000E rotary screw compressors.

They contacted Castrol for a good replacement at a more reasonable market price.

BEFORE

- Synthetic PAO compressor oil from company “L”
- Very high price

AFTER

- Castrol Aircol SR, synthetic PAO compressor oil
- Reasonable market price
- Improved performance in a number of areas (see details on next page)

THE SOLUTION

- The customer tested Castrol Aircol SR 46 in one Quincy unit and after successful oil analysis results, decided to convert the rest to gain the advantages.
- Customer would not disclose the price of the previous oil but stated that Aircol SR was much lower.



- **Cost savings**
- **Higher performance**

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RECOMMENDATIONS

Aircol SR offers a high performance, fully synthetic oil to customers at a fair market value. The excellent oxidation resistance outperforms most expensive alternatives and OEM supplied fluids.

CONCLUSION

The customer concluded from the performance data and in-house tests that the Aircol SR was well suited for them and converted all compressors in the shop.

The result was an estimated \$2,650 savings annually.

| | Castrol Aircol SR 46 | Company "L" PAO |
|------------------------|----------------------|-----------------|
| Viscosity Grade | ISO 46 | ISO 46 |
| Viscosity Index | 137 | 138 |
| Pour Point | -54°C | -54°C |
| Flash Point | 264°C | 250°C |
| Foam Seq I | 10/0 | Not reported |
| Oxidation Life (RPVOT) | 3000 minutes | 2000 minutes |
| FZG Fail Stage | 9 | Not reported |



OTHER POTENTIAL APPLICATIONS

Aircol SR series are fully synthetic PAO compressor & circulating oils with outstanding oxidation stability. They are suited for rotary type compressors, especially those running at higher temperatures. In addition, they are excellent synthetic circulating fluids for use in pumps, turbines, blowers, and hydraulics.

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