



## Synzol CO ISO 32, 46, 100

Dyna-Plex 21C® Dyna-Plex 21C® Synzol CO Oils are high quality synthetic compressor oils formulated to outperform petroleum-based compressor oils. These synthetic compressor oils are non-detergent products fortified with ashless anti-wear additives.

### Dyna-Plex 21C Synzol CO Oils properties:

- Non-foaming
- Anti-wear formula
- Rust and Oxidation inhibited
- Capable of extended oil drain intervals
- Rapidly separates from water
- Non-corrosive to yellow metals

| PROPERTY  | ASTM TEST METHOD | ISO 32    | ISO 46    | ISO 100   |
|---|------------------|-----------|-----------|-----------|
| Viscosity @ 40°C, cSt                               | D-445            | 30.84     | 47.24     | 102.27    |
| Viscosity @ 100°C, cSt                              | D-445            | 5.77      | 7.76      | 13.53     |
| Viscosity Index                                     | D-2270           | 131       | 132       | 132       |
| Flash Point, COC, °C (°F)                           | D-92             | 264 (507) | 258 (496) | 264 (507) |
| Pour Point, °C (°F)                                 | D-97             | -54 (-65) | -51 (-60) | -45 (-49) |
| Four-Ball Wear Test<br>40kg, 1200rpm, 75°C, 60 min. | D-4172           | .45       | .45       | .40       |
| Copper Strip Corrosion Test                         | D-130            | 1a        | 1a        | 1a        |
| Rust Test   | D-665 A&B        | Pass      | Pass      | Pass      |
| Foam, ml Seq I/II/III                               | D-892            | 0/0/0     | 0/0/0     | 0/0/0     |

### Application Recommendations:

Use the appropriate viscosity grade of product in single and multi-stage rotary screw, vane, and reciprocating compressor crankcases and cylinders, vacuum pumps and other compressor applications.

Recommended for use up to 8,000+ hours if the oil is determined to be suitable for continued use by oil analysis. The oil's service life is dependent on operating conditions and maintenance practices. Oil analysis is recommended every 1,000 hours of operation.

Compatible with petroleum oils, most synthetic oils, and almost all seals, paints, plastics and materials commonly used in compressors\*. Suitable for use with the following process gases: nitrogen, hydrogen, helium, carbon monoxide, carbon dioxide (dry), ethylene, methane, propane, butane, propylene, butylenes, natural gas, benzene, butadiene, furnace (crack) gas, hydrogen sulfide (dry), sulfur hexafluoride, synthetic gas, and sulfur dioxide.

*\*Not compatible with silicon (Sullair 24kt) or polyglycol (PAG) fluids, such as Ingersoll-Rand SSR Ultra Coolant and Sullube 32. Marginal compatibility with polycarbonate plastic, butyl, ethylene-propylene and SBR rubber. Polycarbonate bowls should be metal covered. Not recommended for "breathing air" or refrigeration compressors.*