



SUNOCO CHALLENGE D/E SERIES SYNTHETIC FLUIDS

OVERVIEW

SUNOCO CHALLENGE D/E SERIES SYNTHETIC FLUIDS are fully synthetic compressor oils specially formulated with premium synthetic ester base fluids for use in a wide variety of air compressors. **SUNOCO CHALLENGE D/E 32, 46, & 68** are designed from diester base oils for rotary screw compressors and will offer a typical service life of 8,000 hours under good operating conditions. **SUNOCO CHALLENGE D/E 100** is designed from diester base oils for reciprocating compressors and is recommended for high pressure air compressors.

FEATURES & BENEFITS

SUNOCO CHALLENGE D/E SERIES SYNTHETIC FLUIDS provide outstanding thermal and oxidative stability, will not varnish or form carbon deposits and are suitable for use across a wide range of operating temperatures. They contain built-in detergency and offer extended drain intervals to reduce oil disposal, and thus increase cost effectiveness. **SUNOCO CHALLENGE D/E SERIES SYNTHETIC FLUIDS** offer excellent shear stability, demulsification, and better metal wetting for increased wear protection all translating into a longer life fluid. They can compatible with most all seal materials and can be used in both as a crankcase and compressor lubricant.

APPLICATIONS

SUNOCO CHALLENGE D/E SERIES SYNTHETIC FLUIDS are designed for use in all types of rotary screw compressors, rotary vane compressors, centrifugal compressors, reciprocating compressors, high pressure air compressors, vacuum pumps, gear boxes, and bearing and chain lubrication.

SPECIFICATIONS

TYPICAL PROPERTIES

Product Code	9603	9613	9623	9633
ISO VG	32	46	68	100
Viscosity Index (D2270)	73	66	97	94
Specific Gravity	0.941	0.965	0.964	0.961
Flash Point, COC °F (D92)	490	475	490	495
Pour Point °F (D97)	-65	-65	-40	-30
Copper Corrosion	1a	1a	1a	1a