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# NEWLY FORMULATED RotorLub<sup>®</sup> 8000 TECHNICAL DATA SHEET

## PRODUCT DESCRIPTION

### Scope:

This specification covers a PAO/MFSE (multifunctional synthetic ester) based rotary screw air compressor lubricant with superior thermal and oxidation stability enabling it to operate over a wide range of temperatures while resisting deposit formation and corrosion.

### Application:

This is a long-life lubricant for use in rotary screw compressors with oil injection operating under harsh service conditions with high compression temperatures with a tendency to form varnish and system deposits. Service-life rating is 8,000 hours for clean ambient conditions and normal compressor temperatures.

## PHYSICAL PROPERTIES

The lubricant approved under this specification shall approximate the following properties:

Viscosity, cSt, ASTM D445	
@40°C.....	49.01
@100°C.....	7.83
@100°F.....	54.04
@210°F.....	8.02
Viscosity Index, ASTM D2270 .....	128
ISO Viscosity .....	46
Specific Gravity .....	0.8678
Flash Point, °F(°C), ASTM D92.....	500(260)
Demulsibility ASTM D1401.....	40/40/0 (<1 minute)