



Monolec® R & O Compressor / Turbine Oil

	6401	6402	6403	6404	6405	6406	6407
Color	Red	Red	Red	Red	Red	Red	Red
ISO VG / SAE Grade	32 / -	46 / -	68 / 20	100 / 30	150 / 40	220 / 50	320 / 60
AGMA Grade	-	-	2	3	4	5	6
Relative Density ASTM D1298	32.0	31.1	30.6	30.1	29.1	28.4	27.8
Viscosity @ 100°C, cSt, ASTM D445	5.34	6.72	8.63	11.42	14.95	19.67	25.08
Viscosity @ 40°C, cSt, ASTM D445	31.87	45.23	67.60	98.27	150.1	225.6	325.7
Viscosity Index ASTM D2270	95	95	95	95	95	95	95
Flash Point °C (°F), (COC), ASTM D92	210 (410)	216 (420)	224 (435)	238 (460)	246 (475)	244 (470)	246 (475)
Pour Point °C (°F), ASTM D97	-30 (-22)	-24 (-11)	-24 (-11)	-15 (5)	-12 (10)	-12 (10)	-12 (10)
Rust Test 4 hrs @ 60°C, Sea H₂O, ASTM D665B	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Copper Corrosion 3 hrs @ 100°C, ASTM D130	1b	1b	1b	1b	1b	1b	1b
Oxidation by RPVOT @ 150°C, minutes, ASTM D2272	700	700	700	700	700	700	700

Performance Requirements

Met or Exceeded

- AGMA 9005-D94
- Baker Perkins 69-D (6401)
- Cincinnati Machine
 - P-68 (6401)
 - P-69 (6403)
 - P-70 (6402)
- Diamond Power Soot Blowers (6401)
- General Mills "B" Lubricants
- USDA H2
- Xerox 36-0028 (6401)



Typical Applications

- Air compressors
- Air line oilers
- Bearings
- Blowers
- Circulating & splash systems
- Gearboxes
- Industrial turbines
- Vacuum pumps