TECHNICAL DATA SHEET

AOM 460

Chem and Lube's AOM 460 is designed for use in air-oil mist systems. It is blended from the highest quality base fluids with an additive package exclusive to this formula.

- Easily and quickly reclassifies from a mist to a liquid, readily wetting metal surfaces to provide a resilient, protective film.
- Contains antioxidants, metal deactivators, corrosion inhibitors, antiwear agents and extreme pressure agents
- Uniquely designed system blocks water from becoming mixed with the oil, whether from water in the compressed air or from other external sources

USES: include industrial gears subjected to water, slow-speed and/or heavily-loaded bearings, machine tools, ways and screws; process pumps, electric motors and blowers, and steam turbines

TYPICAL PROPERTIES

METHOD	TEST	RESULT
Appearance	Visual	Clear & Bright
Viscosity	ASTM D445	
@ 40 °C, cSt		442.4
@ 100 °C, cSt		29.8
Viscosity Index	ASTM D2270	96
API Gravity	ASTM D4052	25.3
Density	@ 60°F/15.6°C	7.53
Pour Point, ^{0}F, (^{0}C)	ASTM D97	24 (-4)
Flash Point, ^{0}F, (^{0}C)	ASTM D92	575 (302)
Demulsibility	ASTM D 1401	41-39-0 (25)
Color	ASTM D1500	L2.5

TYPICAL PERFORMANCE RESULTS

TEST	RESULT
Timken OK Load, lbs	60
4-Ball	
Wear Scar, 20 kg, mm	0.57
Weld, kg	400
Copper Corrosion, 3 hrs, 100^{0}C	1b
CIGRE Turbine Oxidation, max TOP[1]	0.38
Turbine Oxidation, ASTM D-943	
Hours	4,000
Sludge	10.9
Rotary Bomb Oxidation, ASTM D-2272, Minutes	400

[1] TOP exceeding 1.0 indicates poor oxidation stability

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