

S500

D250-139

Kinney® S500 is a synthetic ISO 100 diester-based lubricant designed to provide high temperature and long-term lubrication with minimal deposit formation. It is recommended for single stage and compound stage mechanical vacuum pumps and vacuum boosters with ultimate vacuum specification up to .0002 Torr. This product is an oxidation resistant lubricant with superior operating advantages requiring fewer oil changes and reduced maintenance. It will also exhibit reduced lacquering and deposit formation, greatly reduced fire and explosion hazard, and reduced energy consumption.

PHYSICAL PROPERTIES	TYPICAL	ASTM TEST METHOD
Specific Gravity, 15.6° C	0.96	D 1298
Flash Point, ° C	250	D 92
Autoignition Temperature, °C	410	E 659
Pour Point, °C	-35	D 97
Viscosity @ 40° C, cSt	98.8	D 445
Viscosity @ 100° C, cST	10.4	D 445
Conradson Carbon Residue,%	0.02	D 189
Evaporation, 22 hrs@ 99° C,%	<1.0	D 972
Copper Strip Corrosion, 3 hrs @ 100°C	1a	D 130
Four-Ball Wear, 1200 rpm, 75° C, 40 kg, 1hr, mm	0.8	D 4172

Sold in the following container sizes:

- 1 Gallon – Part No. 203085-0000
- 5 Gallon – Part No. 203086-0000
- 55 Gallon – Part No. 203087-0000

SPECIAL INFORMATION

1. This product is a liquid with a nominal operating range of -15°C to 210°C (5 °F to 410 °F). In the event of direct eye contact immediately flush eyes with plenty of water, obtain medical attention if irritation develops or persists. In the event of skin contact wash with soap and water; if irritation persists, get medical attention. Inhalation and ingestion are not anticipated routes of exposure during normal conditions of use. In the event of slight inhalation remove to fresh air and provide oxygen if breathing difficult. Get immediate medical attention.
2. The discharge of a vacuum pump must be filtered to avoid excessive oil mist concentration.
3. A Material Safety Data Sheet is available on request (D250-140).

REF. PUMP TEST TAG NO. 809966 A000

CONTACT US

For more information, contact your
Regional Sales Manager or call us at:

1-800-825-6937

Your Local Sales Professional: