



PETROLUUM DEPARTMENT

VL-8610
9008 (8702)

VANLUBE® 8610

NON-LEAD EXTREME PRESSURE/ANTIWEAR AGENT AND ANTIOXIDANT

Typical Properties

Physical State:	Liquid
Color:	Dark brown
Density at 25°C, Mg/m ³ :	1.13
Flash Point, COC, °C (°F):	110 (230)
Viscosity at 100°C, cSt (SUS):	15.0 (77.9) min.
Antimony Content, %:	7.3
Sulfur Content, %:	36.0

VANLUBE 8610 is a general purpose extreme pressure and antiwear agent with good oxidation inhibiting properties. When compounded with rust and copper corrosion inhibitors it is very cost effective in most petroleum oils and greases. **VANLUBE 8610** reduces shipping and warehousing costs since it is 100% active and contains a synergistic combination of antimony dithiocarbamate and a sulfurized olefin. Typical results in oil and grease are shown below.

Performance in SAE 90 (ISO 220) Gear Oil Base

	1.0%	2.0%
Timken OK Load, lbs.	75	100
4-Ball Weld, Kg.	250	315
4-Ball Wear at 20 Kg, mm	0.44	0.41
Copper Corrosion-ASTM D-130	1b	1b

Performance of 2.0% VANLUBE 8610 in Various Base Greases

	<u>Lithium 12-OH Stearate</u>	<u>Lithium Complex</u>	<u>Aluminum Complex</u>
Timken OK Load, lbs.	95	90	60
4-Ball Weld, Kg.	250	250	250
4-Ball Wear at 20 Kg., mm	0.47	0.40	0.52
Oxidation - ASTM D-942			
PSI Loss at 100 hours	5	3	3
PSI Loss at 500 Hours	20	20	23

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