DURALIFE® PREMIUM VACUUM PUMP OILS

DURALIFE® PREMIUM VACUUM PUMP OILS are blended from high quality, high boiling range, low volatility characteristics mineral base oils with an advanced additive system to give longer service life and minimizing the sludge, carbon deposits and foam formation in vacuum pumps. These products have good demulsibility to separate readily from water to alleviate the contamination problems in vacuum systems by water vapor to cause rust and corrosion.

APPLICATIONS :
DURALIFE® PREMIUM VACUUM PUMP OILS are recommended for most rotary vane and rotary lobe vacuum pumps, rotary piston pumps, deep-well water pumps, etc.

BENEFITS :

- Excellent lubricity.
- Low volatility characteristics.
- Superior antioxidant , anticorrosion , antifoam and antirust properties.
- Excellent wear protection and the ability to reduce maintenance costs.
- Excellent chemical and thermal stability.
- Good demulsibility to separate quickly from water and resist emulsion formation.
- Resist the formation of sludge, deposits.

TYPICAL CHARACTERISTICS:

Test	Method	PVAP 32	PVAP 46	PVAP 68	PVAP 100	PVAP 150	PVAP 220
API Gravity	ASTM D 287	31.52	31.14	30.21	29.29	28.39	27.49
Specific Gravity @ 15.6ºC (60ºF)	ASTM D1298	0.868	0.870	0.875	0.880	0.885	0.890
Viscosity @ 40ºC, cSt	ASTM D 445	32	46	68	100	150	220
Viscosity Index	ASTM D 2270	110	110	105	105	105	105
Flash Point, ºC (ºF)	ASTM D 92	210 (410)	225 (437)	240 (464)	265 (509)	265 (509)	270 (518)
Pour Point, ºC (ºF)	ASTM D 97	-25 (-13)	-21 (-5.8)	-15 (5)	-12 (10.4)	-12 (10.4)	-12 (10.4)
Vapor Pressure @ 100ºF, Torr		< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Copper Corrosion, 3hrs @ 100ºC	ASTM D 130	1a	1a	1a	1a	1a	1a
Oxidation Lifetime, hrs	ASTM D 943	>2500	>2500	>2500	>2500	>2500	>2500
Rust Prevention (steel), degree	ASTM D 665	pass	pass	pass	pass	pass	pass

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture .

WARNING :

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children.
Don't pollute. Conserve resources. Return used oil and bottle to collection centers

Reference SDS No 12148 database on our website at ***www.amtecol.com***
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