

VPSH[®] 15, 22, 32, 46, 68 PAO-BASED VACUUM PUMP LUBRICANTS

Applications:

The VPSH PAO-based series are fully synthetic vacuum pump oils that are formulated with the highest quality polyalphaolefin (PAO) base fluids. These 100% premium synthetic oils are used where maximum seal, paint, and plastic compatibility is required.

VPSH 22 and VPSH 32 are designed for closed loop liquid ring vacuum pump applications.

VPSH 46 and VPSH 68 are designed for rotary screw vacuum pump designs, and they offer a service life of up to 8,000 hours under a wide range of temperatures under good operating conditions.

Typical Industrial Applications:

- Liquid Ring Vacuum Pumps
- Rotary Screw Vacuum Pumps

Performance Benefits:

- Outstanding thermal oxidative stability
- Excellent low temperature operability
- Wide operating temperature range
- Non-detergent and ashless
- Extended drain intervals / reduced oil disposal
- Excellent vapor pressure with low volatility
- Very energy efficient

TYPICAL PROPERTIES	TEST METHOD	VPSH 15	VPSH 22	VPSH 32	VPSH 46	VPSH 68
ISO Grade	ASTM D2422	15	22	32	46	68
Viscosity @ 40°C,cSt	ASTM D445	16.4	22	32	48	68
Viscosity @ 100°C,cSt	ASTM D445	4.1	4.7	5.5	7.9	10.3
Viscosity Index	ASTM D2270	126	135	140	134	139
Flash Point, °C/°F	ASTM D92	220/428	220/428	221/430	251/483	270/518
Pour Point, °C/°F	ASTM D97	-66/-87	-60/-76	-54/-65	-51/-60	-51/-60
Copper Corrosion	ASTM D130	1a	1a	1a	1b, shiny	1a
Foaming Sequences I, II, III	ASTM D892	Nil	Nil	Nil	Nil	Nil
Demulsibility	ASTM D1401	Excellent	Excellent	Excellent	40-40-0(10)	40/39/1
Four Ball Wear, 40 Kg., 1200rpm, 75°C, 1 hr., Scar Diameter, mm	ASTM D4172	0.44	0.45	<0.50	0.43	0.44
Specific Gravity	ASTM D1298	0.82	0.83	0.84	0.86	0.86

HEALTH & SAFETY

To obtain an MSDS on this or any other Ultrachem product, please contact your representative.

TECHNICAL SUPPORT

To learn more about Ultrachem products and applications please contact us at info@ultracheminc.com



900 Centerpoint Blvd.
New Castle, DE 19720
P.....302-325-9880
F.....302-325-0335
info@ultracheminc.com