

First Choice Premium Hydraulic Fluid

Product Information

PM325 HydrauLife VTL HVI Fluids are formulated with clean, virgin, natural, high-viscosity index (VI) Group 2 base stocks. The naturally high viscosity index means less polymer viscosity modifier is needed to meet the specification. Polymers will shear more easily than the base oil. PM325 HydrauLife VTL HVI Fluids PM325 utilise the highest quality modifiers and has an SSI (Shear Stability Index) of 4, placing it at the very top end of the quality scale. The 4 rating means it has extreme resistance to shear and viscosity loss. The lower the SSI number, the greater the shear resistance and the lower the viscosity loss. The anti-wear zinc treatment for these fluids exceeds industry standards by 30%. The antioxidant, anti-corrosion and latest anti-foam properties are also higher than industry standards. The blending process used to produce these products results in the industry's best product, offering significant advantages in protection and performance compared with most hydraulic fluids. Hydraulic fluids made with virgin base stocks should be delivered water-clear, as PM325 HydrauLife VTL HVI Fluid is Amber coloured fluid is either recycled or made from recycled oil.

Applications: *Hydraulic systems operating at high pressures and high temperatures in critical applications. *Hydraulic systems subject to deposit build-up, such as sophisticated Computer Numerically Controlled (CNC) machines, particularly where close clearance servo-valves are used. *Systems where cold start-ups and high operating temperatures are typical. Systems requiring a high degree of load-carrying capability and anti-wear protection. *Machines employing a wide range of components using various metallurgies, including Silver. *Rotary screw compressors in natural gas service.

PM 325 HydrauLife VTL HVI Fluid is pre-filtered to a cleanliness level of 13/11

PM Lubrication strongly recommends using depth-media filtration, which can extend hydraulic fluid life by up to 800%.

Typical Properties

ISO Grade	46	68	100
Viscosity @ 40°C	46 cSt	68 cSt	100 cSt
Viscosity @ 100°C	8.7 cSt	11.7 cSt	15 cSt
Pour Point	-44°C	-43°C	-42°C
Viscosity Index	170	169	160
Density @ 15°C kg/L	0.860	0.866	0.884
ISO 4406 4P[C], 6P[C]	< 40-80/10-20>		

Benefits

- Reduced Operating Temperature
- Lower Wear Rates
- Prolonged Service Life
- Maintains Constant Pressure
- Maintains Viscosity
- High Resistance to Foaming

Container Sizes

ISO 46 in 1000L, 200L, 20L, 5L, 4 x 5L
ISO 68 in 1000L, 200L, 20L, 5L, 4 x 5L
ISO 100 in 200L, 20L, 5L, 4 x 5L

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Meets and or Exceeds Service Classifications

Commercial Hyd-Afnor E48-603 except for the PMS500 Series	Jeffrey 87
BF Goodrich 0152	Lee-Norse 100-1
Cincinnati Milacron P68, P69, P70	Racine Vane
Denison HF-1, HF-2, HF-0	Pumps Variable
DIN 51524 Part 3	Volume
HLP Part 2, HLVP Part 3	Vickers 1-286-2, M2952-2
Ford M6C32	Compressor Oils
GM LH-04, LH-06, LH-5-1	DIN-51505, VBL, VCL, VDL
	ISO/DP-6521 DAA, DAB, DAH, DAG

PM325 HydrauLife VTL HVI ISO 46 68 100

Buy Clean Oil and Keep it Clean

Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is **GUARANTEED** to save 15% of your total operating costs



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