

FIRST CHOICE PREMIUM QUALITY HYDRAULIC FLUID

Product Information

PM325 HydrauLife hydraulic fluids are made 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, the viscosity modifier that is used, is of the absolute highest quality 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 resistance to shear and viscosity loss. The anti-wear zinc treatment on these fluids is 30% above industry standards. The antioxidant, anti-corrosion and latest anti-foam properties are also higher than industry standards. The blending process involved in the production of these products results in the industry's best product status, which offers significant advantages in protection and performance over most hydraulic fluids available. Hydraulic fluids that are made with virgin base stocks should be delivered water clear, as PM HydrauLife is. Amber coloured fluid is either recycled or made with 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 HydrauLife is pre-filtered to a cleanliness level of 13/11

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

PM325 is Premium Quality Engineered for BIG Savings

Typical Properties:

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

Benefits:

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

Available in 1000L, 200L, 20L, 5L, 4 x 5L Containers

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Meets or Exceeds the following:

- Commercial Hyd-Afnor E48-603
- Except for the PMS500 Series
- BF Goodrich 0152
- Cincinnati Milacron P68, P69, P70
- Denison HF-1, HF-2, HF-0
- DIN 51524 Part 3
- HLP Part 2, HLVP Part 3
- Ford M6C32
- General Motors LH-04-1, LH-06-1, LH-15-1
- Jeffrey 87
- Lee-Norse 100-1
- Racine Vane Pumps-Variable Volume
- Vickers 1-286-S, M2952-S

PM325 HYDRAULIFE
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

