



LEAHY·WOLF

Lubricating specialists since 1946



Lubemaster HG

Designed as a multi-purpose fluid, Lubemaster HG is a robust performer for the entire fleet.

Engineered with premium Group II base oils, Lubemaster HG handles a wide-range of temperature variables, eliminating costly and frequent oil changes. Its highly refined detergent additives protect the system from dirt and debris that are prevalent in off-road work. Lubemaster HG hydraulic fluid is highly compounded for use as a universal fluid in both hydraulic systems and transmissions. It is oxidation resistant, with stable viscosity modifiers for extended life. Engineered with a unique chemistry, Lubemaster HG protects critical systems from corrosion and high acidity levels. Detergent and wear additives of Lubemaster HG have been designed to improve yellow metal compatibility. The anti-wear technology provides superior piston pump and axle pinion wear performance.

Advantages:

- Premium quality base oils and additives
- Universal product for entire fleet
- Handles all temperature variables
- Contaminant free
- Stable viscosity modifiers
- Specifically designed anti-wear additives for yellow metal compatibility
- Superior piston pump and axle pinion wear
- Exceptional water contamination performer
- Non-acidic composition
- High oxidation stability
- Excellent deposit control
- Meets or exceeds all industry standards

Lubemaster HG is recommended for use in most mobile hydraulic and transmission systems including:

John Deere J20-C
 John Deere J20-D
 MF 1143 and 1135
 Ford M2C 134D
 Ford M2C 159C
 New Holland 420A
 ZF TE ML 03 & 06

Case MS 1207
 Case MS 1206, MS 1210 and 1230
 API GL-4/Vickers 104c Pump
 Sunstrand pump (JDQ 84)
 Allison C3, Allison C4
 Caterpillar TO-2
 Volvo BM

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Problem:

We're in a constant crunch throughout the summer season. Our entire fleet is exposed to off-road debris and corrosive water conditions. We've found that we're frequently changing fluids in both our hydraulic systems and our transmissions. Due to the intense heat, our piston pump life has deteriorated considerably.

Solution:

Lubemaster HG withstands intense heat and off-road debris in both transmissions and hydraulic systems. Its highly stable viscosity modifiers and detergent additives eliminate the need for frequent oil changes due to temperature changes or debris. Anti-wear additives improve piston pump and axle pinion wear performance.

Typical Properties

Property	Test Method	Result
Viscosity		
cSt@100°C	ASTM D445	10.98
cSt@40°C	ASTM D445	60
SUS@100°F	ASTM D2161	279
SUS@212°F	ASTM D2161	62.7
Cold Crank Simulator		
cP@-35°C	ASTM D5293	40,991
cP@-25°C	ASTM D5293	2860
SAE Viscosity Grade	N/A	5W20
Pour Point °C	ASTM D 97	-54
Foam Test, ml/ml	ASTM D 892	
Sequence 1		0/0
Sequence 2		30/0
Sequence 3		0/0
Copper Corrosion		
3 hours @ 150° C	ASTM D130	1a
FZG Load Stage	ASTM D5182	11