



PURAMAX Hydraulic GMS AW LS2

PURAMAX Hydraulic GMS AW LS2 Oils are premium anti-wear hydraulic fluids designed to meet the most severe requirements of today's modern hydraulic systems. They are approved by General Motors under their stringent Hydraulic Lubricants Standards (LS2). They provide optimum fluid performance over a wide-range of operation temperatures. These superior characteristics protect pumps, lines and controls against wear, rust and corrosion.

Formulated with premium base oils and advanced performance additives for long lasting performance.

APPLICATIONS

- Hydraulic systems (including high-flow and heavy-load applications) where an anti-wear fluid is required
- Systems subjected to high-temp & high-pressure operating environments

FEATURES AND BENEFITS

- Extended fluid service intervals
- Excellent demulsification (water separation) properties
- Smooth hydraulic operation
- Superior wear protection for hydraulic pumps and lines
- Excellent rust, corrosion and foam protection
- Outstanding thermal and oxidation stability

RECOMMENDED PERFORMANCE SPECIFICATIONS

Meets the requirements of all major pump manufacturers

- General Motors LS2 00436 (ISO 32), 00433 (ISO 46)
- Denison HF-O, HF-1, HF-2
- Sperry Vickers M-2950-S & I-2863-S
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51524-2
- US Steel 127, 136
- AFNOR E-48-603

PURAMAX Hydraulic GMS AW LS2	Typical Characteristics		
	ASTM-D	32	46
ISO Grade			
Specific Gravity	792	0.8574	0.8790
Viscosity cSt @ 40°C	445	32.0	46.0
Viscosity cSt @ 100°C	445	5.47	6.86
Viscosity Index	2270	107	104
Flash Point, (COC) °F	92	424	428
Pour Point, °C (°F)	97	-36(-34)	-37(-29)
Oxidation, Hrs.	943	>5,000	>5,000
FZG Scuffing Test, FLS	5182	12	12
Rust Test	665 A&B	No Rust	No Rust
Copper Corrosion	130	1a	1a
Foam Sequence I, II, III	892	0,0,0	0,0,0

Minor variations in test data are to be expected in normal manufacturing