



LUBRICANTS



# Product Data Sheet

## Harmony AW 220 LV

### Low Volatility Anti-Wear Hydraulic Oil

Formulated with premium medium to heavy viscosity, highly refined mineral base oils that are carefully selected for their high boiling point and low vapor pressure. These quality base oils are coupled with a unique additive system that provides long service life, thermal stability and wear protection during start-up and boundary conditions. **Gulf Harmony AW 220 LV** is designed for use in certain hydraulic pumps, positive displacement blowers, vacuum units and once-through-sealing vacuum pumps.

### Features and Benefits

- Excellent anti-wear protection for pumps, motors and valves
- Non-detergent and non-foaming formulation
- Rust and corrosion protection
- Very good hydrolytic stability

### Applications

- Various large Stokes and Roots vacuum pump applications
- Where a quality non-foaming, non-detergent compressor/hydraulic oil is required
- Centrifugal blowers where the equipment manufacturer requires a high viscosity, anti wear lubricant with a high boiling range, low vapor pressure that will resist high temperature oxidation

### Typical Properties

ISO Viscosity Grade	Test Method	220
Product Code		334234
Viscosity, cSt @ 40°C	ASTM D-445	215.0
Viscosity, cSt @ 100°C	ASTM D-445	18.8
Viscosity Index	ASTM D-2270	98
Color	ASTM D-1500	L3.5
Pour Point, °F (°C)	ASTM D-5949	0 (-18)
Flash Point, COC, °F (°C)	ASTM D-92	525 (274)
Oxidation Stability, hours	ASTM D-943	2,500
API Gravity, 60°F	ASTM D-4052	29.6
Density, lbs./gal (g/L)	Calculated	7.31

*These properties are typical of current production, minor variations are to be expected in normal manufacturing.*

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