

# MOLYVAN<sup>®</sup> 855

**Friction Reducer/  
Antioxidant/  
Antiwear/Antiscuff**



## TECHNICAL DATA

**MOLYVAN<sup>®</sup> 855** is an excellent oil soluble molybdenum ester/amide friction reducer with antiwear and antioxidant properties that does not contain sulfur or phosphorus.

### CHEMICAL COMPOSITION

Organomolybdenum complex

### TYPICAL PROPERTIES

Physical State	Liquid
Appearance	Brown
Density @ 15.6 °C, Mg/m <sup>3</sup>	1.08
Viscosity @ 100 °C, mm <sup>2</sup> /s	67
ASTM Color, 1% in Oil	3.0 max
Nitrogen Content, %	2.9
Molybdenum Content, %	8.1
Flash Point, PMCC, °C	193

\*The analytical data listed above are not specifications

### APPLICATIONS

- Passenger car engine oils
- Racing oils
- Industrial oils
- Greases
- Gear oils

### RECOMMENDED TREAT RATES

- 0.06 to 1.0 wt. % (50 to 800 ppm based on molybdenum content) for oils.
- 0.5 to 2.5 wt. % (400 to 2000 ppm based on molybdenum content) for greases.

### ADVANTAGES

- Can be used in a wide range of lubricants.
- Imparts friction reduction for improving fuel economy in engine oils.
- Provides oxidation protection to engine oils, industrial oils and greases.
- Synergizes with other molybdenum friction modifier types and organic friction modifiers for improved friction reduction in engine oils.
- Synergizes with ZDDP and other sulfur containing additives for improved wear control.
- Synergizes with alkylated diphenylamines for enhanced oxidation protection.
- Reduces LSPI frequency in engine oils.