



**MAXIWAY
and MOLY MAXIWAY**

TECHNICAL DATA

DESCRIPTION:

MAXIWAY is specially formulated for the lubrication of machine tool ways and slides. This product eliminates stick-slip, or table chatter, by reducing friction between mating surfaces.

Where ways are heavily loaded, **MAXIWAY** provides high film strength and excellent extreme-pressure (EP) protection. These oils contain metal wetting, and adhesive and cohesive agents that enable formation of uniform films to resist squeezing from way surfaces while the machine is idle.

By using **MAXIWAY**, stick slip is prevented, way surface wear is minimized and service life is greatly extended. **MAXIWAY** Way Oil 32 is recommended for dual-purpose, hydraulic and way lubrication service.

MAXIWAY's other highlights include:

- Demulsibility
- EP protection
- High film strength
- Elimination of stick-slip
- Cohesive and adhesive

MAXIWAY is also available with Molybdenum Disulfide (MoS_2) in colloidal suspension, thus improving film strength and the excellent EP protection already offered with **MAXIWAY** without (MoS_2).



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ADMAX Performance Lubricants – A leader in lubricant technology

**MAXIWAY, AD600, AD601 and AD602;
and
MOLY MAXIWAY, AD605, AD606 and AD607**

Specifications:

| ITEM | ASTM ⁽¹⁾ | AD600 AD605 | AD601 AD606 | AD602 AD607 |
|--|---------------------|----------------|----------------|----------------|
| ISO Viscosity | N/A | 32 | 68 | 220 |
| API Gravity | D-287 | 32 | 21 | 18 |
| Viscosity Index | D-2270 | 105 | 105 | 112 |
| Viscosity: | | | | |
| SUS @ 100 ⁰ F | D-2161 | 155 | 365 | 1,086 |
| SUS @ 210 ⁰ F | D-2161 | 43.8 | 51.6 | 71.7 |
| cSt @ 40 ⁰ C | D-445 | 30.1 | 68 | 201 |
| cSt @ 100 ⁰ C | D-445 | 5.25 | 7.5 | 12.9 |
| Pour Point (⁰ F) | D-97 | -25 | -20 | 0 |
| Flash Point (⁰ F) | D-92 | 405 | 375 | 410 |
| Timken OK Load, Pounds | D-2782 | | 60 | |
| Four Ball: | | | | |
| LWI ⁽²⁾ | D-2783 | 35.5 | 37.2 | 46.8 |
| Weld | D-2783 | 200 | 200 | 250 |
| Rust Test (Sea Water) | D-665B | | Pass | |
| Cincinnati Milacron | N/A | P-53 | P-47 | P-50 |
| Stick-Slip Ratio (U _B /U _K) | N/A | | .72 | |

(1) American Society for Testing and Materials (ASTM)

(2) Load Wear Index (LWI)



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