



LUBRICANTS



Product Data Sheet

Gulfway®

High tackiness machine tool slideway lubricant

Specially formulated with premium base stocks and newly formulated light colored performance chemistry designed to offer greater extreme pressure protection to the equipment while offering improvements in water separability, rust, and corrosion performance. **Gulfway®** oils eliminate stick-slip or table chatter by reducing friction between mating surfaces. These fluids offer higher Timken Load results and will meet the requirements of General Motor's LS-2 specification.

Features and Benefits

The incorporation of tackifiers keeps the fluid in place on both horizontal and vertical ways and assures smooth table action even at low speeds under heavy workloads. **Gulfway®** oils contain a highly effective, light colored extreme pressure additive system designed to prevent scoring of slideways and guides.

- Excellent water separation
- Good foam resistance
- Outstanding 'metal-wetting' properties
- Non-corrosive to copper and aluminum
- Exceptional rust, corrosion, and wear protection
- Excellent thermal and oxidation stability
- Lighter color to provide good visibility of slideways

Applications

- Slides and ways of planers, grinders, mills, lathes, screw machines, drilling machines, boring machines, and other tools and machines
- Bearings and gears of other machinery requiring the special properties of a way oil.
- Dual purpose hydraulic and way lubrication where a premium light and medium grade viscosity is required
- **Gulfway® 32** small, lightly loaded equipment
- **Gulfway® 220 and 320** recommended for more severe applications



1-800-566-4853



Tulsa, OK 74133



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Typical Properties

ISO Viscosity Grade	Test Method	32	68	150	220	320
Product Code		336490	336491	336492	336493	336494
Viscosity, cSt @ 40°C	ASTM D-445	32.1	67.8	150	219	320
Viscosity, cSt @ 100°C	ASTM D-445	5.3	8.7	15.0	19.4	25.8
API Gravity, 60°F	ASTM D-287	31.0	30.0	29.5	28.5	28.2
Viscosity Index	ASTM D-2270	100	100	100	100	105
Rust, Syn. Sea Water	D-665B	Pass	Pass	Pass	Pass	Pass
Flash Point, COC, °F	ASTM D-92	403	425	460	510	522
Pour Point, °F	ASTM D-97	-5	-5	5	5	14
Timken OK Load, lb	ASTM D-2782	60+	60+	60+	60+	60+
Water Separability	ASTM D-1401	40/40/0(20)	40/40/0(20)	40/40/0(30)	40/40/0(30)	40/40/0(30)
Thermal Stability	CM B24	Pass	Pass	Pass	Pass	Pass
Copper Corrosion	ASTM D-130	1b	1b	1b	1b	1b

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

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