

## TRACKMATE® RAIL CURVE LUBRICANT

Trackmate® is a lubricant designed to reduce friction and wear on rail tracks, particularly on curves. It is thickened using lithium soap.

Trackmate® is formulated using anti-wear chemistry in combination with solid lubricants. The solid lubricants used in Trackmate® have been selected to be compatible with automated railroad lubrication systems.

Trackmate® is resistant to water wash off and provides good adhesion.

### BENEFITS:

- TCLP-SAFE - which reduces disposal cost. Passes EPA TOXICITY CHARACTERISTIC LEACHING PROCEDURE.
- REDUCES FRICTION AND WEAR - extends wheel/rail life and reduces energy cost.
- EASY TO APPLY - compatible with automated railroad lubrication systems.

### APPLICATIONS:

Trackmate® can be used in hi-rail, wayside and onboard lubrication systems. Trackmate® is available in pails, kegs, drums, and totes.

Trackmate® is also available through a custom-tailored bulk lubricant system and service program, Maintainer®. This program is designed to fit your operation and structured to provide a complete lubricant management program that meets your needs.

ASTM #		TYPICAL CHARACTERISTICS					
		EP 0 LT	EP 1 LT	EP 0	EP 1	EP 1.5	EP 2
D-217	<b>Cone Penetration (Worked)</b>	355-385	320-350	355-385	305-335	285-315	270-300
D-2265	<b>Dropping Point, °F (°C)</b>	338 (170)	380 (193)	365 (185)	380 (193)	380 (193)	380 (193)
D-445	<b>Kinematic Viscosity</b> (Base Oil w/Polymer) cSt @ 40°C cSt @ 100°C	26.9	27.4	56.5	245.0	245.0	183.0
		4.2	4.3	6.2	19.6	19.6	12.9
D-2161	<b>Saybolt Viscosity</b> (Base Oil w/ Polymer) SUS @ 100°F SUS @ 210°F	140.7	143.1	296.8	1413	1413	1413
		40.4	40.8	47.2	99	99	99
Gardner Method	<b>Density, lb/gal @ 60°F (15.5°C)</b>	8.45	8.40	8.45	8.27	8.28	8.29
	<b>Specific Gravity, g/cc @ 60°F (15.5°C)</b>	1.104	1.100	1.104	0.993	0.994	0.995
D-2596	<b>Four Ball EP</b> Weld Point, kg	500	400	500	400	400	400
D-2266	<b>Four Ball Wear</b> Scar Width, mm	0.67	0.67	0.67	0.60	0.60	0.60
D-4049 (Modified)	<b>Water Spray-Off, % Loss</b>	NA	NA	N/A	12	8	4
D-1743	<b>Rust Test</b>	Pass	Pass	Pass	Pass	Pass	Pass
D-4048 (Modified)	<b>Copper Strip Corrosion for Greases</b> 212°F (100°C) @ 3 hrs	2B	2B	2B	1B	1B	1B
	<b>Ambient Usable Temperature Range, Wayside</b> °F °C	-45 to 30	-30 to 50	-35 to 50	-20 to 50	-5 to 105	40 to 130
		-43 to -1	-34 to 10	-37 to 10	-29 to 10	-21 to 41	4 to 54
	<b>Thickener Type</b>	Lithium	Lithium	Lithium	Lithium	Lithium	Lithium

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

### PACKAGING

Shuttle Tanks	Nonreturnable Totes	Drums	Kegs	Pails
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For warranty information, scan the QR code.  
You can also email us at [sales@whitmores.com](mailto:sales@whitmores.com)  
Or write to the Sales Department at the address below.

930 Whitmore Drive • Rockwall, Texas 75087 • USA • (972) 771-1000 • 800-699-6318  
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