



35585-G Curtis Boulevard • Eastlake, Ohio 44095 • (216) 951-8633 • (216) 951-4341 FAX

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## **EnviroLogic™ 803**

### **Biodegradable, NLGI #2 Rail Curve Grease**

EnviroLogic™ 803 is a multi-purpose, Li complex, biodegradable NLGI #2 grease. It demonstrates excellent dropping point, water resistance, and structure stability over an extremely wide range of temperatures. EnviroLogic™ 803 also is formulated to possess excellent oxidation stability, corrosion protection, and EP/antiwear protection. This package of performance allows for a wide range of industrial and equipment applications.

EnviroLogic™ 803 was specifically designed for high performance in rail curve applications where environmental exposure of a lubricant is a cause for concern.

#### **Summary of Performance:**

<b><u>Test</u></b>	<b><u>Result</u></b>
• NLGI Grade	# 2
• Worked Penetration @ 77° F, ASTM D 217	265-295
• Dropping Point, °F, ASTM D 2265	550 +
• Four Ball Wear, ASTM D 2266 1200 RPM, 40 Kg, 1 hr @ 75° C	0.40 mm Typical
• Four Ball Wear Index, ASTM D 2596 Weld Load	45.0 Min 400 Kg
• Oil Separation, ASTM D 1742	< 3.0%
• Bomb Oxidation, ASTM D 942 @ 100 hrs.	0 Psi Typical
@ 500 hrs.	-2 Psi Typical
• Wheel Bearing Leakage, ASTM D 1263	< 2 gm
• Timken OK Load	60 Typical
• %Biodegradability, CEC L-33-T-82	>80
• Color	Green
• Appearance	Smooth and Slight Tack
• Water Washout, ASTM D 1264	4.0%



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#### **Summary of Performance (cont.):**

<u>Test</u>	<u>Result</u>
• USS Mobility (LT 37)	
0° F	0.06g/sec.
20° F	0.39g/sec.
40° F	1.03g/sec.
60° F	3.27g/sec.
77° F	7.21g/sec.
• Torque @ 60 Sec	
-40° C	5.39