

INTRODUCING MICHELIN® TIRE CARE.™

YOU TAKE CARE OF YOUR BUSINESS.
WE'LL TAKE CARE OF YOUR TIRES.



MICHELIN® TIRE CARE™



A Fleet tire monitoring program that helps you maximize uptime and control costs.

- Uptime is everything. With MICHELIN® TIRE CARE™, you can get the most out of your assets and keep your fleet up and running with confidence. Here's how. Our fleet tire monitoring program offers comprehensive tire evaluation, analysis and network service you can trust for accurate, actionable guidance and smart, effective decision-making.



MICHELIN® TIRE CARE™ CAN HELP YOU



- Increase customer satisfaction
- Meet Delivery Times
- Reduce Road Service Calls
- Improve CSA Compliance
- Increase Driver Satisfaction
- Improve Fleet Safety
- Maximize Fuel Economy
- Improve Tire Mileage
- Improve Tire Selection & Inventory Control

MICHELIN® TIRE CARE™ DELIVERS REAL SAVINGS!



The high cost of downtime

A recent survey shows that trucking fleets average 1.5 downtime events per vehicle per year. Every mile lost, every minute wasted, is costing you money.



- Service technician fees
- Material costs
- Lost casing
- Driver salary
- Replacement dispatch
- Lost business

MICHELIN® TIRE CARE™ GIVES YOU TWO PROGRAMS TO CHOOSE FROM:



FLEET READY

Provides regular evaluation of all vehicle tires to guarantee their readiness for the road.

OR

FLEET FIT

Delivers all the benefits of [Fleet Ready](#), plus added insights and guidance to lower your total tire costs.



FLEET READY...

MAXIMIZE YOUR UPTIME



4 STEPS:

- 1) Fleet Evaluation
- 2) Identify Downtime & Cost Threats
- 3) Actionable Reports
- 4) Take Action

STEP 1: FLEET EVALUATION



Comprehensive, Expert Tire Evaluation and Electronic Data Capture



- **Trained** MICHELIN® Commercial Services Network™ technicians
- **State-of-the-art** system for digital data capture
- **Nationwide coverage** through the MICHELIN® Commercial Service Network™
- **Audited** for quality



STEP 2: IDENTIFY DOWNTIME & COST THREATS



Fight Downtime Before It Happens

Focus on the Immediate Tire Needs that lead to Downtime, Low Mileage and High Fuel Costs



Critical Six Factors:

- Low Air Pressure
- High Air Pressure
- Missing Valve Caps
- Mismatch Air Pressure
- Mismatch Tire Height
- Irregular Tire Wear

PLUS! Full Visual Inspection



STEP 3: ACTIONABLE REPORTS

Accurate, Easy-to-Use Guidance for Effective Decision-Making

Actionable reports.
Receive them via email or access online.





Immediate Needs Report

for TireCare Training Fleet



Location Greenville
Date Range 10/2/14 - 10/2/14



Red Tag Report



VEH. NO. TRK005 FLEET NO. Make Freightliner/Cascadia Location Greenville Date In 10/2/14 ODO

INSPECTOR MX - Charles Whaley
Inspector



Pos	Icon	Issue	Action	
1L		Nearing End of Tread Life	Tire needs replacement	
1R		Low Tread Depth	Replace Tire	
2R		Low Tread Depth	Replace Tire	
2R		Nearing End of Tread Life	Tire needs replacement	
3L		Low Pressure > 10% Off Target	Adjust Tyre Pressure	
3R		Nearing End of Tread Life	Tire needs replacement	

Reports:

- Immediate Needs and Red Tag
- Critical Six Summary
- Estimated Tire Replacement
- Fleet Inspection Details



STEP 4: TAKE ACTION



The MICHELIN® Commercial Service Network™ provides the solution, with all the resources & expertise to handle your service needs.

- Consistent, High-Quality Service Nationwide
- TIA Certified Technicians
- Full Adherence to Your Service Operating Standards

Or, you can choose your own repair option.



FLEET FIT...



MAXIMIZE UPTIME & CONTROL COSTS

Fleet Fit improves your bottom line by bringing you the benefits of **Fleet Ready**, plus insight on:

- Tire by wheel position and application
- Forecasting and budgeting
- Tire optimization by vehicle

Tire Monitoring Report											
for											46599 - 1286780
Location											Date Range 5/5/14 - 6/5/14
Location											Removal Tread 2.0
46599 - 1286780											
Vehicle Reg.: 1700410			Make/Model: Kenworth / T800				HP:		Last Inspected: 02/06/14		
Make	Size	Pattern	Pos.	ITD	TD	Fitted	Odo Now	Mileage Run	Projected Mileage	% Worn ITD	% Worn ATD
Michelin	275/80R22.5	XZ3+ EVERTREAD	1L1	19.0	10.1	483,641	564,331	80,690	154,127	47%	47%
Michelin	275/80R22.5	XZ3+ EVERTREAD	1R1	19.0	12.9	483,641	564,331	80,690	224,674	32%	32%
Michelin	275/80R22.5	X Multi Energy D	2L1	24.0	18.7	520,565	564,331	43,766	181,670	22%	22%
Michelin	275/80R22.5	X Multi Energy D	2L0	24.0	18.7	520,565	564,331	43,766	181,670	22%	22%
Michelin	275/80R22.5	X Multi Energy D	2R1	24.0	18.0	520,565	564,331	43,766	160,475	25%	25%
Michelin	275/80R22.5	X Multi Energy D	2R0	24.0	18.2	520,565	564,331	43,766	166,009	24%	24%
Vehicle Reg.: 1700701			Make/Model: Kenworth / T800				HP:		Last Inspected: 02/06/14		
Make	Size	Pattern	Pos.	ITD	TD	Fitted	Odo Now	Mileage Run	Projected Mileage	% Worn ITD	% Worn ATD
Michelin	275/80R22.5	XZ3+ EVERTREAD	1L1	19.0	12.0	965,517	1,098,038	132,521	321,837	37%	37%
Michelin	275/80R22.5	XZ3+ EVERTREAD	1R1	19.0	10.8	965,517	1,098,038	132,521	274,739	43%	43%
Michelin	275/80R22.5	X Multi Energy D	2L1	24.0	16.0	1,010,986	1,098,038	87,052	239,393	33%	33%
Michelin	275/80R22.5	X Multi Energy D	2L0	24.0	15.8	1,010,986	1,098,038	87,052	233,554	34%	34%
Michelin	275/80R22.5	X Multi Energy D	2R1	24.0	15.2	1,010,986	1,098,038	87,052	217,630	37%	37%
Michelin	275/80R22.5	X Multi Energy D	2R0	24.0	14.4	1,010,986	1,098,038	87,052	199,494	40%	40%



CHOOSE THE PLAN THAT FITS YOUR FLEET



CHOOSE THE PLAN THAT FITS YOUR FLEET.

	FLEET READY	FLEET FIT
EVALUATION & ANALYSIS		
Tire Evaluation	✓	✓
Tread Depth	✓	✓
Irregular Wear	✓	✓
Air Pressure	✓	✓
Missing Valve Caps	✓	✓
Mismatched Duals	✓	✓
Other Visual Observations	✓	✓
Tire Detail Record, Update & Verification <i>Tire Brand, Size, Tread, New or Retread</i>		✓
Monitor Tires for Performance Data		✓

	FLEET READY	FLEET FIT
REPORTING		
Results Via Email Within Minutes of Tire Evaluation	✓	✓
Immediate Needs	✓	✓
Fleet Inspection Summary	✓	✓
Inspection Report	✓	✓
Advanced Forecasting & Budgeting		✓
Fleet Analysis		✓
Tire Performance		✓
Cost Per Mile		✓

MAXIMIZE UPTIME AND CONTROL COSTS WITH MICHELIN® TIRE CARE™.

Keep Your Fleet Up and Running.



To locate a participating MICHELIN® TIRE CARE™ service provider or for more information:

Web: michelintruck.com/tirecare*

Email: michelin.tirecare@us.michelin.com

*Webpage Available March 1, 2015



Reports

Tire Care[®] Reports

Fleet Ready

- Immediate Needs
- Red Tag
- Fleet Inspection Sheet
- Critical Six
- Fleet Inspection Analysis
- Fleet Noted Issue
- Vehicle Inspection List
- Tire Audit Summary
- Estimated Replacement Report

Emailed Immediately To Fleet

Fleet Fit

- Tire Monitoring Report
- *Enriched detail under each Fleet Ready report*

Available on
www.mcsn.tyrecheck.com



Immediate Needs Report



Immediate Needs Report for TireCare Training Fleet



Location Greenville **Date Range** 10/2/14 - 10/2/14

Chicago

Vehicle	POS	Dimension	Recommendations		Tread depth	Pressure	Target Pressure	Date inspection	Sign Off
1101	1RO	275/80R22.5	Brake Skid	Check & Adjust or Replace	9.0	91	100	10/2/14	
1101	2LO	275/80R22.5	Low Pressure >20% Off Target	Check & Adjust or Replace	4.0	78	100	10/2/14	
1102	2RO	275/80R22.5	Low Pressure >20% Off Target	Check & Adjust or Replace	8.0	76	100	10/2/14	
1102	2RO	275/80R22.5	Object Penetrating	Check & Repair or Replace	8.0	76	100	10/2/14	
1103	1RI	275/80R22.5	Low Pressure >20% Off Target	Check & Adjust or Replace	8.0	57	100	10/2/14	
1105	1LO	275/80R22.5	Low Pressure >20% Off Target	Check & Adjust or Replace	13.0	80	100	10/2/14	
1105	1LI	275/80R22.5	Low Pressure >20% Off Target	Check & Adjust or Replace	15.0	65	100	10/2/14	
1104	1RI	275/80R22.5	Tread Tearing	Replace Tire	6.0	97	100	10/2/14	
1106	1LO	275/80R22.5	Low Tread Depth	Replace Tire	2.0	98	100	10/2/14	
1106	2LO	275/80R22.5	Low Pressure >20% Off Target	Check & Adjust or Replace	12.0	80	100	10/2/14	

What Is It

- A to-do list of immediate items to be fixed, in a checklist form that can be handed to a serviceperson

Benefits To The Fleet

- Actionable reporting
- Simple to read
- Lends a method for accountability (Sign Off column for Tech)



Red Tag Report

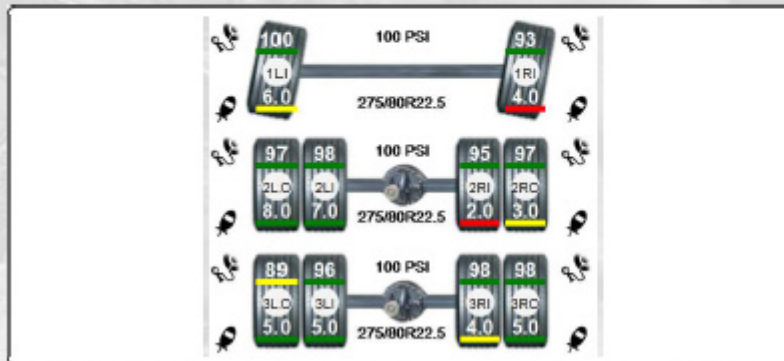


Red Tag Report



Date Range 10/2/2014 - 10/2/2014

VEH. NO. TRK005 FLEET NO. Make Freightliner/Cascadia Location Greenville Date In 10/2/14 ODO INSPECTOR MX - Charles Whatley Inspector



Pos	Icon	Issue	Action
1LI		Nearing End of Tread Life	Tire needs replacement
1RI		Low Tread Depth	Replace Tire
2RI		Low Tread Depth	Replace Tire
2RO		Nearing End of Tread Life	Tire needs replacement
3LO		Low Pressure >10% Off Target	Adjust Tyre Pressure
3RI		Nearing End of Tread Life	Tire needs replacement



What Is It

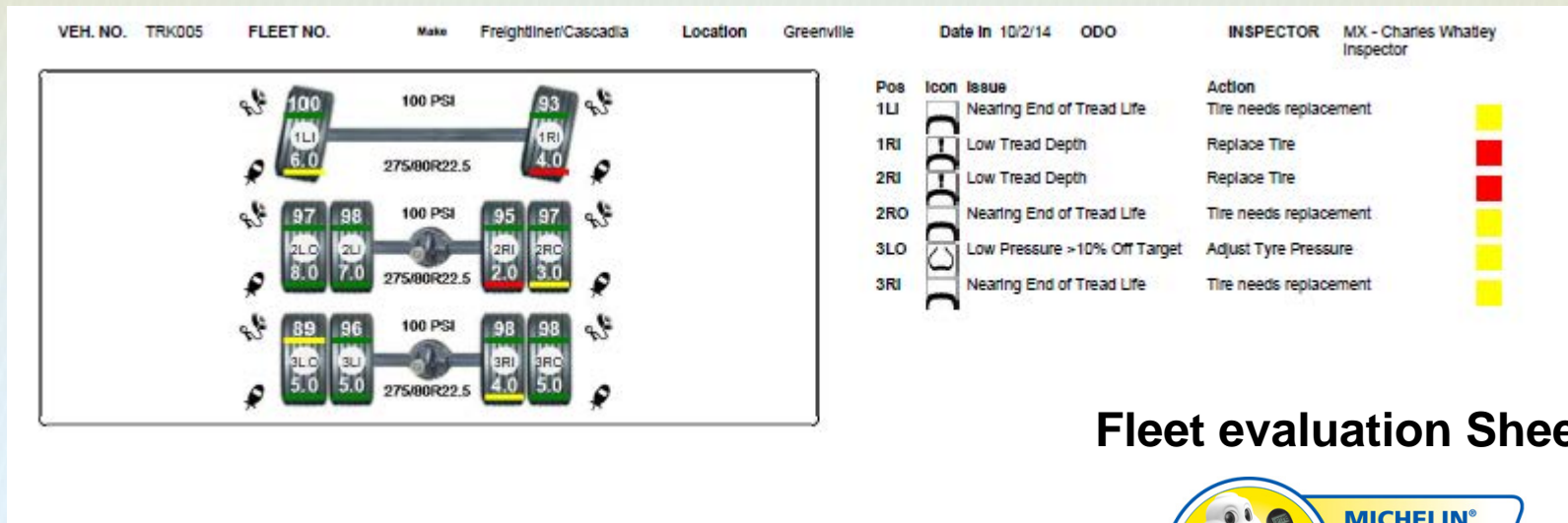
- A visual representation of the Immediate Needs Report to be used by a manager
- Only lists vehicles with an immediate need

Benefits To The Fleet

- Immediately Actionable reporting
- Complete perspective of “at risk” vehicles
- Can be efficient and proactive by addressing all issues on an “at risk” vehicle



Fleet Evaluation Sheet



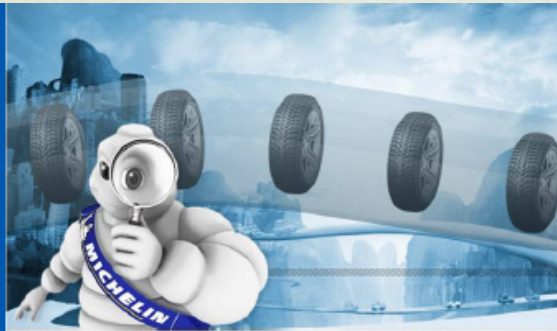
What Is It

- Summarizes number of vehicles / tires inspected
- Summarizes all issues

Benefits To The Fleet

- Optimize your tire program by addressing your most common issues
- Be proactive by addressing **warnings** before they become **problems**

Critical Six



Critical six report
TireCare Training Fleet
All locations



Under Inflation and Over Inflation

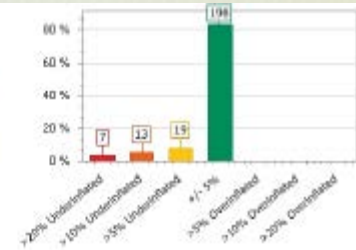
Selecting the correct pressure for each axle in your fleet is critical to increasing your fuel efficiency and prolonging the life of your tires. Once a recommended pressure has been selected, ensuring that the pressure in your tires is regularly maintained maximizes the benefits of having a tire pressure policy.

Over inflation has a negative impact on:

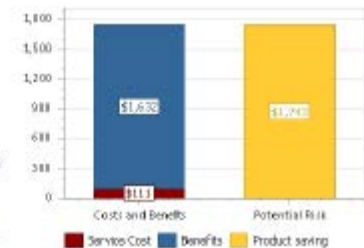
- Tire life
- Traction
- Resistance to impact breaks
- Ride comfort

Under inflation has a negative impact on:

- Tire life
- Fuel efficiency



Benefits estimate for fleet



one sample of
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plus

vice cost of \$2

	Est. Savings if Corrected	No. of Tires with issue	% of Tires with issue	Service per Tire	Product Life	Total Est Savings if Corrected
Low Tread Depth (Steer)	\$450.00	1	0.50 %	\$1.00	\$450.00	\$450.00
Nearing End of Tread Life (Steer)	\$450.00	1	0.50 %	\$1.00	\$450.00	\$450.00
Nearing End of Tread Life	\$450.00	5	2.50 %	\$1.00	\$2,250.00	\$2,250.00
Object Penetrating	\$450.00	1	0.50 %	\$1.00	\$450.00	\$450.00
Low Tread Depth	\$450.00	2	1.00 %	\$1.00	\$900.00	\$900.00

	Tires Inspected	Fleet
Savings achievable	\$4,500.00	\$12,446.81
Total Cost Of Service	\$10.00	\$27.66
Profit	\$4,490.00	\$12,419.15

What Is It

- Analytical report that matches Critical 6 findings, with fleet standards and standard costs, to provide a snapshot of the cost impact of current tire conditions

Benefits To The Fleet

- Analysis to help manage fleet tire conditions to deliver overall optimal performance



Fleet Inspection Analysis



Fleet Inspection Analysis



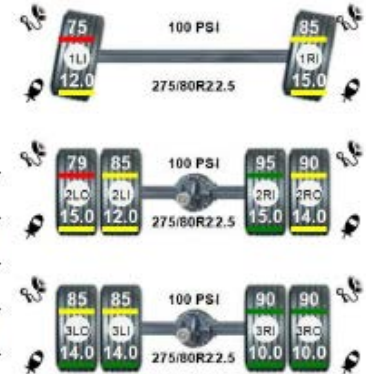
TireCare Training Fleet

TRK003

Fleet No		Location	Greenville
Make	Freightliner	Date	10/2/14
Model	Cascadia	ODO	
Vehicle Class	Tractor - Day Cab	Inspector	MX - Charles Whatley Inspector

Issues

1LI		Low Pressure ->20% Off Target	Check & Adjust or Replace
1LI		No Flow-Through Cap	Fit Flow Through- Valve Cap
1RI		Low Pressure ->10% Off Target	Adjust Tire Pressure
1RI		No Flow-Through Cap	Fit Flow Through- Valve Cap
2LO		Low Pressure ->20% Off Target	Check & Adjust or Replace
2LO		No Flow-Through Cap	Fit Flow Through- Valve Cap
2LI		Low Pressure ->10% Off Target	Adjust Tire Pressure



What Is It

- Details all evaluation data

Benefits To The Fleet

- Evaluation verification
- Optimize your tire program by addressing your most common issues
- Be proactive by addressing **warnings** before they become **problems**



Fleet Noted Issue

Location		All locations		Date Range		9/2/2014 - 10/2/2014	
Location		Chicago					
Vehicle	Fleet Number	Inspected	Type	Make	Axle Config	Mileage	
1101		10/2/14	Trailer - Dry Bulk	Utility	T4.T4	0	
	POS	Tread depth	Pressure	Target Pressure	Observation Name	Action	
	1R0	9.0	91	100	Brake Skid	Check & Adjust or Replace	
	2L0	4.0	78	100	Air Pressure Mismatch In Duals	Adjust Tire Pressure	
	2L0	4.0	78	100	Nearing End of Tread Life	Tire needs replacement	
	2L0	4.0	78	100	Tread Depth Mismatch In Duals	Twin Up Tires Correctly	
	2L0	4.0	78	100	Low Pressure >20% Off Target	Check & Adjust or Replace	
	2LI	8.0	94	100	Air Pressure Mismatch In Duals	Adjust Tire Pressure	
	2LI	8.0	94	100	Tread Depth Mismatch In Duals	Twin Up Tires Correctly	

What Is It

- Lists every items that is red or yellow. Quick summary of all issues to be acted on either immediately or near-term

Benefits To The Fleet

- Accountability for the dealer
- Ensure program adherence

Vehicle Inspection List



Vehicle Inspection List

for TireCare Training Fleet



Location All locations

Date Range 9/2/14 - 10/2/14

Fleet Summary

Location	No. of vehicles	No. of Inspections	Inspected Vehicles	Vehicles inspected more than once	% Completed
Chicago	20	6	6	0	30 %
Greenville	10	5	5	0	50 %
TOTAL	30	11	11	0	37 %

Chicago

Trailer - Dry Bulk

Vehicle Reg.	Date Inspected	Vehicle Reg.	Date Inspected	Vehicle Reg.	Date Inspected	Vehicle Reg.	Date Inspected
1107		1108		1109		1110	
1111		1112		1113		1114	
1115		1116		1117		1118	
1119		1120		1101	10/2/14	1102	10/2/14
1103	10/2/14	1104	10/2/14	1105	10/2/14	1106	10/2/14

What Is It



- Lists all vehicles evaluated over a give date range

Benefits To The Fleet

- Creates accountability
- Confidence that the work is completed



Estimated Replacement Report

		Estimated replacement report (MCSN) for TireCare Training, TireCare Training Fleet							
Location Greenville		Date Range 9/2/2014 - 10/2/2014							
Inspection Frequency Policy 30		Axles	Pull point	Monthly wear rate	Currently Required	Required in 30 days	Required in 60 days		
		Steer	4	1	1	0	1		
		Drive	2	1	1	0	1		
		Trailer	2	1					
		Other	2	1					
Currently Required									
Tractor - Day Cab									
Vehicle	Fleet Number	Wheel position	Tire size	Make	Pattern	Life	Days since inspected	Actual Tread	Predicted tread
TRK005		1RI	275/80R22.5				0	4	4
TRK005		2RI	275/80R22.5				0	2	2

What Is It

- Lists all tires and their tread depths & pull points.

Benefits To The Fleet

- Provides tire purchaser with a forward-looking estimate of tire needs.
- Extremely helpful for budget management



Tire Audit Summary



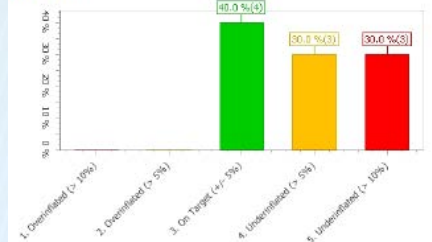

Tire Audit Summary. TireCare Training Fleet, All locations

Fleet summary by vehicle class

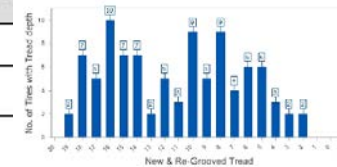
Vehicle Class	No. of vehicles Inspected	% of vehicles inspected	No. of tires Inspected	No. of tires in fleet
Tractor - Day Cab	5	50%	50	100
	6	30%	44	160
	11	37%	94	260

Tire Audit Summary, 9/2/2014-10/2/2014 TireCare Training Fleet, All locations

Steer Axle



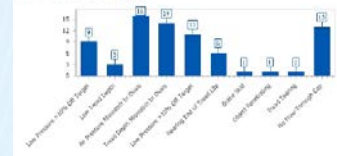
Tread Depth Analysis - All Axles



Tire Manufacturer Analysis



Notifiable observations (Top 5)



MIS - life analysis



What Is It

- Provides a 3 page executive summary of the inspection work and findings

Benefits To The Fleet

- Ideal for management use
- Quick inspection verification
- Helpful graphs highlight estimated tire replacement for purchasing and inventory decision-making

Tire Monitoring Report

Fleet Fit Only



Tire Monitoring Report

for TireCare Training Fleet



Location All locations

Date Range 9/9/14 - 10/9/14

Removal Tread 2.0

Location Greenville

Vehicle Reg.: TRK001		Make/Model: Freightliner / Cascadia			HP:		Last Inspected: 02/10/14			
Make	Size	Pattern	Pos.	ITD	TD	Fitted	Odo Now	Mileage Run	Projected Mileage	% Worn ITD
Michelin	275/80R22.5	XZE	1LI	22.0	19.0	5,000	35,000	30,000	200,000	14%
Michelin	275/80R22.5	XZE	1RI	22.0	19.0	5,000	35,000	30,000	200,000	14%
Michelin	275/80R22.5	XZE	2LI	22.0	18.0	5,000	35,000	30,000	150,000	18%
Michelin	275/80R22.5	XZE	2LO	22.0	16.0	5,000	35,000	30,000	100,000	27%
Michelin	275/80R22.5	XZE	2RI	22.0	17.0	5,000	35,000	30,000	120,000	23%
Michelin	275/80R22.5	XZE	2RO	22.0	16.0	5,000	35,000	30,000	100,000	27%
Michelin	275/80R22.5	XZE	3LI	22.0	17.0	5,000	35,000	30,000	120,000	23%
Michelin	275/80R22.5	XZE	3LO	22.0	18.0	5,000	35,000	30,000	150,000	18%
Michelin	275/80R22.5	XZE	3RI	22.0	16.0	5,000	35,000	30,000	100,000	27%
Michelin	275/80R22.5	XZE	3RO	22.0	15.0	5,000	35,000	30,000	85,714	32%

What Is It

- Provides tire mileage records for each wheel position

Benefits To The Fleet

- Comprehensive understanding of tire performance for effective tire selection decisions
- Enables detailed, forward looking estimate of tire spend for more accurate budgeting

