

# ***KTD CONSTRUCTION***



## **SAMPLE PRESENTATION**

# Tire Management

- **What value will Tire Management bring to your fleet?**
  - Overall tire costs will be reduced and controlled
  - Down time will be reduced with the Preventative Maintenance Program
  - Allows your company to focus on the Core Business
- **How will the value of Tire Management be accomplished?**
  - Quarterly Review Meetings – Good communication
  - Fleet Surveys / Preventative Maintenance
  - Product Evaluation
    - Air Inflation
    - Product Testing
    - Rotations
    - Retread vs. New
  - Just in Time Inventory (Coast Tire stocks all product)
  - Consistent pricing
  - Relationship with tire manufacturers under Coast Tire's buying program
  - Dedicated full-time Account Manager, who monitors your day to day tire costs



CUSTOMER \_\_\_\_\_  
 ADDRESS \_\_\_\_\_  
 DATE \_\_\_\_\_

UNIT # \_\_\_\_\_  
 HOURS \_\_\_\_\_  
 AVG HRS RUN \_\_\_\_\_

MAKE \_\_\_\_\_  
 MODEL \_\_\_\_\_

LF

RF

SIZE \_\_\_\_\_  
 DESCR \_\_\_\_\_  
 TREAD DEPTH \_\_\_\_\_  
 ORIGINAL DEPTH \_\_\_\_\_  
 PSI \_\_\_\_\_  
 PSI REC \_\_\_\_\_  
 COMMENTS \_\_\_\_\_

\_\_\_\_\_

SIZE \_\_\_\_\_  
 DESCR \_\_\_\_\_  
 TREAD DEPTH \_\_\_\_\_  
 ORIGINAL DEPTH \_\_\_\_\_  
 PSI \_\_\_\_\_  
 PSI REC \_\_\_\_\_  
 COMMENTS \_\_\_\_\_

LR

RR

SIZE \_\_\_\_\_  
 DESCR \_\_\_\_\_  
 TREAD DEPTH \_\_\_\_\_  
 ORIGINAL DEPTH \_\_\_\_\_  
 PSI \_\_\_\_\_  
 PSI REC \_\_\_\_\_  
 COMMENTS \_\_\_\_\_

\_\_\_\_\_

SIZE \_\_\_\_\_  
 DESCR \_\_\_\_\_  
 TREAD DEPTH \_\_\_\_\_  
 ORIGINAL DEPTH \_\_\_\_\_  
 PSI \_\_\_\_\_  
 PSI REC \_\_\_\_\_  
 COMMENTS \_\_\_\_\_

OBSERVATIONS  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



# Agenda

- **Vehicle List**
- **Fleet Survey Results**
- **Tire Cost Review**
  - **Cost Per Hour by Unit**
  - **Tire Removal Analysis**
  - **Cost Per Hour by Tire Type**
- **Air Inflation**
- **Tire Forecast Report**
- **Observations And Recommendations**

# KTD CONSTRUCTION

## VEHICLE LIST

Vehicle ID	Manufacturer	Model Modification	Type	Wheel Configuration	Hours	Miles	Loading Requirement	Speed / Heat	Cutting
<b>Account Name: KTD Construction</b>									
5501	VALLEE	4DA14T	Fork & Handler	22	16,881	0			
5502	Caterpillar	966FII	Loader	22	33,231	0			
5503	Caterpillar	950FII	Loader	22	56,023	0			
5504	Prentice	ATL 425	Log Loader	22	1,908	0			
5505	John Deere	644G	Loader	22	10,537	0			
5506	Caterpillar	950F	Loader	22	63,066	0			
5507	Caterpillar	980C	Loader	22	43,989	0			
5508	Caterpillar	980G	Loader	22	22,221	0			

**Total Records: 8**

**Report Filters / Options**

<b>Accounts</b>	KTD Construction
<b>Date Range</b>	Entered
<b>Measurement Unit</b>	English - 32nd/in



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5501
<b>Make/Model</b>	VALLEE - 4DA14T
<b>Type</b>	Fork & Handler
<b>Hours/Miles(Km)</b>	16,881 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	2171-1	2171-1	Goodyear	445/65R22.5	G178		10/22/02	8,192	0	12 / 30	67 %	102.00 (C)	May 10	
2L	217199-3	217199-3	Goodyear	425/65R22.5	G178	2H	11/9/04	3,420	0	25 / 29	15 %	90.00 (C)	May 10	
2R	217199-4	217199-4	Goodyear	425/65R22.5	G178	2H	11/9/04	3,420	0	24 / 29	19 %	94.00 (C)	Oct 4	
1R	2171-2	2171-2	Goodyear	445/65R22.5	G178		10/22/02	8,192	0	15 / 30	56 %	100.00 (C)	May 10	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5502
<b>Make/Model</b>	Caterpillar - 966FII
<b>Type</b>	Loader
<b>Hours/Miles(Km)</b>	33,231 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	2179-0511	2179-051106-1	Goodyear	23.5-25	RL-2+		5/11/06	0	0	34 / 53	39 %	63.00 (C)	May 11	
2L	2179003-0	2179003-01	Goodyear	26.5R25	RL-2+		10/20/04	8,197	0	22 / 56	65 %	33.00 (C)	May 11	
2R	2179004-0	2179004-02	Goodyear	26.5R25	RL-2+		10/20/04	8,197	0	20 / 56	69 %	36.00 (C)	May 11	
1R	21792	21792	Goodyear	26.5R25	RL-2+		2/27/04	11,102	0	34 / 56	39 %	62.00 (C)	May 11	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5503
<b>Make/Model</b>	Caterpillar - 950FII
<b>Type</b>	Loader
<b>Hours/Miles(Km)</b>	56,023 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	203-94-1	203-94-1	Goodyear	26.5R25	TL3A+	2J	5/31/05	6,949	0	43 / 56	25 %	66.00 (H)	May 9	
2L	203-94-3	203-94-3	Goodyear	26.5R25	TL3A+	6S	1/19/05	6,949	0	43 / 59	29 %	44.00 (H)	May 9	
2R	203-94-4	203-94-4	Goodyear	26.5R25	TL3A+	6S	1/19/05	6,949	0	44 / 59	27 %	46.00 (H)	May 9	
1R	203-94-2	203-94-2	Goodyear	26.5R25	TL3A+	6S	1/19/05	6,949	0	42 / 59	31 %	46.00 (H)	May 9	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5504
<b>Make/Model</b>	Prentice - ATL 425
<b>Type</b>	Log Loader
<b>Hours/Miles(Km)</b>	1,908 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	220800-1	220800-101405-1	Goodyear	20.5R25	GP-2B		10/14/05	357	0	24 / 36	<b>38 %</b>	62.00 (C)	May 11	
2L	2208003	2208003	Goodyear	20.5R25	RL-2+		10/7/04	4,355	0	8 / 53	<b>92 %</b>	60.00 (C)	May 11	
2R	2208004	2208004	Goodyear	20.5R25	RL-2+		10/7/04	4,355	0	10 / 53	<b>88 %</b>	66.00 (C)	May 11	
1R	220800-2	220800-101405-2	Goodyear	20.5R25	GP-2B		10/14/05	357	0	20 / 36	<b>50 %</b>	60.00 (C)	May 11	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5505
<b>Make/Model</b>	John Deere - 644G
<b>Type</b>	Loader
<b>Hours/Miles(Km)</b>	10,537 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	221495-1	221495-1	Goodyear	23.5-25	RT3B	6S	12/4/03	5,228	0	32 / 45	32 %	60.00 (C)	Oct 4	
2L	2214-1	2214-1	Goodyear	23.5R25	RT3B	6S	10/21/03	5,644	0	30 / 45	33 %	40.00 (C)	May 10	
2R	2214-2	2241-2	Goodyear	23.5R25	RT3B	6S	10/21/03	5,644	0	32 / 45	29 %	40.00 (C)	May 10	
1R	22495-2	22495-2	Goodyear	23.5-25	RT3B	6S	12/4/03	5,228	0	30 / 45	37 %	60.00 (C)	May 10	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5506
<b>Make/Model</b>	Caterpillar - 950F
<b>Type</b>	Loader
<b>Hours/Miles(Km)</b>	63,066 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	225293-1	225293-1	Goodyear	23.5R25	RT3B		1/13/04	10,040	0	24 / 45	51 %	61.00 (H)	May 10	
2L	252932-01	252932-01	Goodyear	23.5R25	RT3B	6S	5/10/05	3,925	0	24 / 32	29 %	56.00 (H)	May 10	
2R	252934-02	252934-02	Goodyear	23.5R25	RT3B	6S	5/10/05	3,925	0	26 / 32	21 %	35.00 (H)	May 10	
1R	225292-2	225293-2	Goodyear	23.5R25	RT3B	6S	1/13/04	10,091	0	35 / 45	24 %	66.00 (H)	May 10	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5507
<b>Make/Model</b>	Caterpillar - 980C
<b>Type</b>	Loader
<b>Hours/Miles(Km)</b>	43,989 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>
<b>Loading Requirement</b>
<b>Speed / Heat</b>
<b>Cutting</b>

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	259289-1	259289-1	Goodyear	29.5R25	RL-2+	6S	5/21/03	5,830	0	37 / 60	43 %	61.00 (C)	May 10	
2L	259289-3	259289-3	Goodyear	29.5R25	RL-2+	6S	5/21/03	5,830	0	44 / 60	30 %	45.00 (C)	May 10	
2R	259289-4	259289-4	Goodyear	29.5R25	RL-2+	6S	5/21/03	5,830	0	43 / 60	31 %	40.00 (C)	May 10	
1R	259289-2	259289-2	Goodyear	29.5R25	RL-2+	6S	5/21/03	5,830	0	44 / 60	30 %	54.00 (C)	May 10	



# KTD CONSTRUCTION

## SURVEY RESULTS

Account Name: **KTD Construction**

<b>Vehicle ID</b>	5508
<b>Make/Model</b>	Caterpillar - 980G
<b>Type</b>	Loader
<b>Hours/Miles(Km)</b>	22,221 - 0
<b>Location</b>	YARD

<b>Vehicle Operation Parameters</b>	
<b>Loading Requirement</b>	
<b>Speed / Heat</b>	
<b>Cutting</b>	

Pos	Brand Number	Serial Number	Manufacturer	Size	Type	Comp.	Installed	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Pressure (Hot/Cold) PSI	Inspect Date	Insp ID
1L	259597-1	259597-1	Goodyear	29.5R25	RL-2+	6S	10/31/02	7,646	0	30 / 60	56 %	29.00 (C)	May 10	
2L	A85-3	A85-3	Goodyear	29.5R25	RL-2+	6S	12/10/01	9,459	0	34 / 60	48 %	76.00 (C)	May 10	
2R	A85-4	A85-4	Goodyear	29.5R25	RL-2+	6S	12/10/01	9,459	0	32 / 60	52 %	60.00 (C)	May 10	
1R	259597-2	259597-2	Goodyear	29.5R25	RL-2+	6S	10/31/02	7,646	0	33 / 60	50 %	74.00 (C)	May 10	



# KDI CONSTRUCTION

## TIRE REMOVAL ANALYSIS

Removal Reason	No of Tires	Average Hours	Avg Cost/Hr ()	Avg Worn	Avg Wear Rate Hrs/32"	Dollars Lost ()	% Total
*Not Specified	3	6,323	0.34	92 %	131.73	493.33	11.5 %
Cuts - Sidewall	2	20,201	0.07	82 %	641.30	465.50	7.7 %
Damaged by Foreign Object	2	10,830	0.16	68 %	433.20	1,089.08	7.7 %
Irregular Wear	4	4,199	0.50	55 %	147.32	3,739.49	15.4 %
Separation - Tread	1	5,700	0.40	80 %	158.33	461.00	3.8 %
Spare	2	5,553	0.39	84 %	133.80	688.06	7.7 %
Worn out	12	10,538	0.20	93 %	262.35	2,105.47	46.2 %
<b>Total / Average</b>	<b>26</b>	<b>9,272</b>	<b>0.22</b>	<b>82.79%</b>	<b>248.03</b>	<b>9,041.93</b>	<b>100.0 %</b>

### Report Filters / Options

Accounts	KTD Construction
Measurement Unit	English - 32nd/in
Total Cost Compute	Original + Retread + Repair - Adjustment

# KTD CONSTRUCTION

## TIRE REMOVAL REPORT

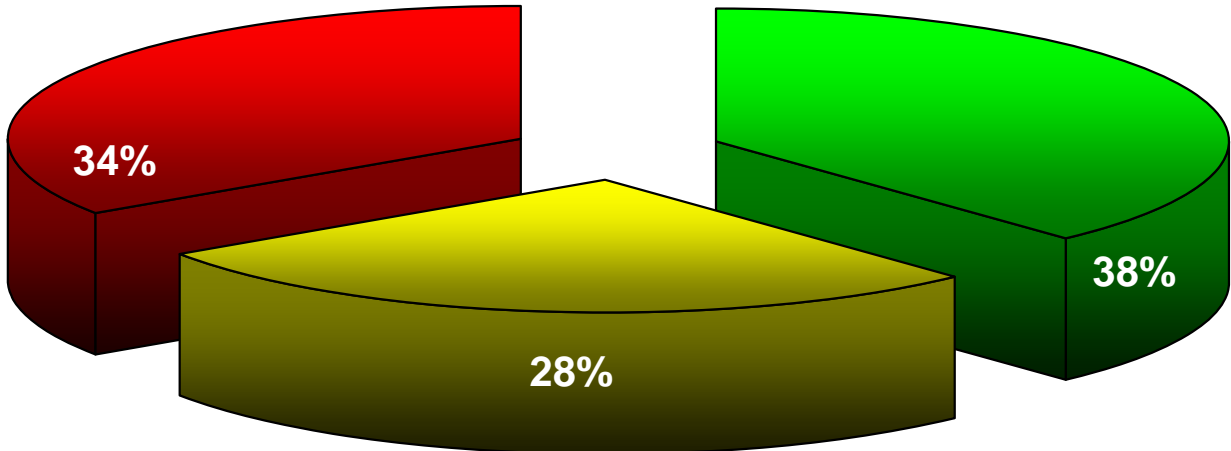
Brand Number	Serial Number	Manufacturer	Size	Type	Total Hours	Total Miles	NS Cur/Org (32")	% Worn	Vehicle ID	Pos	Remove Date	Disposition	Removal Reason
<b>Account Name: KTD Construction</b>													
0101NJ30	0101NJ3029	Goodyear	20.5R25	RL-2+	5,739	0	16 / 50	74 %	2290-86	1L	12/3/06	Scrap	Spare
111500-2	111500-2	Goodyear	20.5R25	GP-2B	11,557	0	23 / 41	49 %		1R	2/13/06	Scrap	Damaged by Foreign Object
111500-6	111500-6	Goodyear	20.5R25	GP-2B	10,103	0	9 / 41	86 %		3R	10/31/06	Scrap	Damaged by Foreign Object
12198-4	12198-4	Goodyear	23.5R25	RL-2+	6,043	0	26 / 53	51 %	121-98	2R	4/15/06	Inventory	Matching
20394-1	20394-1	Goodyear	26.5R25	RL-2+	15,102	0	8 / 56	86 %	5503	1L	1/19/06	Scrap	Worn out
20394-2	20394-2	Goodyear	26.5R25	RL-2+	15,102	0	9 / 56	90 %	5503	1R	1/19/06	Scrap	Worn out
2161-2	2161-2	Goodyear	23.5R25	RL-2+	5,366	0	4 / 53	92 %	2290-86	1R	12/3/05	Scrap	Spare
216199-1	216199-1	Goodyear	23.5R25	RL-2+	5,773	0	13 / 53	75 %	2161-99	1L	1/22/05	Scrap	Irregular Wear
216199-2	216199-2	Goodyear	23.5R25	RL-2+	5,773	0	20 / 53	62 %	2161-99	1R	1/22/05	Scrap	Irregular Wear
2166001	2166001	Goodyear	23.5-25	RL-2+	3,441	0	28 / 56	54 %	2166-00	1L	11/21/06	Inventory	Spare
2166002	2166002	Goodyear	23.5-25	RL-2+	3,441	0	28 / 56	54 %	2166-00	1R	11/21/06	Inventory	Spare
2171-1	2171-1	Goodyear	445/65R22.5	G178	8,689	0	4 / 30	93 %	5501	1L	10/22/05	Scrap	Worn out
2171-2	2171-2	Goodyear	445/65R22.5	G178	8,689	0	2 / 30	100 %	5501	1R	10/22/05	Scrap	Worn out
2171-3	2171-3	Goodyear	445/65R22.5	G178	7,407	0	16 / 30	50 %	5501	2L	5/7/05	Scrap	Cuts - Sidewall
2171-4	2171-4	Goodyear	445/65R22.5	G178	8,689	0	2 / 30	100 %	5501	2R	10/22/05	Scrap	Worn out
217900-4	217900-4	Goodyear	26.5R25	GP-2B	10,849	0	10 / 40	75 %	5502	2R	10/25/05	Scrap	Worn out
21971	21971	Goodyear	20.5R25	RL-2+	2,624	0	26 / 50	48 %	2197	1L	8/6/05	Scrap	Irregular Wear
21972	21972	Goodyear	20.5R25	RL-2+	2,624	0	33 / 50	34 %	2197	1R	8/6/05	Scrap	Irregular Wear
2208-01	2208-01	Goodyear	20.5R25	RL-2+	5,700	0	5 / 50	100 %	5504	1L	10/14/06	Scrap	Worn out
2208-02	2208-02	Goodyear	20.5R25	RL-2+	5,700	0	14 / 50	80 %	5504	1R	10/14/06	Scrap	Separation - Tread
293941	293941	Goodyear	20.5R25	RL-2+	12,444	0	4 / 53	100 %	293-94	1L	5/6/06	Scrap	Worn out
293942	293942	Goodyear	20.5R25	RL-2+	12,444	0	4 / 53	100 %	293-94	1R	5/6/06	Inventory	Worn out
		Goodyear	20.5R25	RL-2+	12,444	0	4 / 53	100 %	293-94	1R	5/6/05	Scrap	Worn out
29394-2	29394-2	Goodyear	20.5R25	RL-2+	9,794	0	12 / 53	77 %	293-94	1R	6/23/05	Inventory	Spare
293943	293943	Goodyear	20.5R25	RL-2+	32,995	0	4 / 53	100 %	293-94	2L	4/27/05	Scrap	Cuts - Sidewall
446971	446971	Goodyear	20.5R25	RL-2+	4,948	0	15 / 50	76 %		2L	6/14/06	On Hold	Uniformity
446972	446972	Goodyear	20.5R25	RL-2+	4,948	0	12 / 50	83 %		2R	6/14/06	On Hold	Uniformity
44697-2	44697-2	Goodyear	20.5R25	RL-2+	3,809	0	3 / 50	94 %		2R	4/26/05	Scrap	Worn out
446973	446973	Goodyear	20.5R25	RL-2+	12,467	0	11 / 50	85 %		1L	11/12/05	Scrap	Worn out
446974	446974	Goodyear	20.5R25	RL-2+	6,728	0	15 / 50	76 %		2R	6/14/05	On Hold	Uniformity
		Goodyear	20.5R25	RL-2+	12,467	0	4 / 50	100 %		1R	11/12/05	Scrap	Worn out

**Total Records:** 31

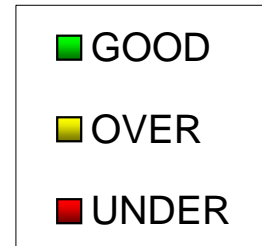
Report Filters / Options	
Accounts	KTD Construction
Measurement Unit	English - 32nd/in



# KTD CONSTRUCTION AIR INFLATION



OTR TIRES	
GOOD	11
OVER	8
UNDER	10
<b>TOTAL</b>	<b>29</b>



# TIRE FORECAST REPORT

Computed Average Wear Rate Criteria : Installed, Spare and Scrapped Tires

KTD CONSTRUCTION

Average Hours of Use/Day: 6.00

Account	Manufacturer	Size	Type	Max. Cost ( )	2007	2008	Total
KTD Construction	Goodyear	20.5R25	RL-2+	2,343	1	2	3 7,029
		23.5-25	RL-2+	3,947		3	3 11,841
					1 2,343	5 16,527	6 18,870
					1 2,343	5 16,527	6 18,870
<b>Total</b>					1 2,343	5 16,527	6 18,870

# TIRE FORECAST REPORT

Computed Average Wear Rate Criteria : Installed, Spare and Scrapped Tires

KTD CONSTRUCTION

Average Hours of Use/Day: 6.00

## Actual Wear Rates used in Report

KTD Construction	Goodyear	20.5R25	GP-2B	286.85
			RL-2+	214.14
		23.5-25	RL-2+	91.76
			RT3B	373.43
		23.5R25	RL-2+	139.51
			RT3B	537.93
		26.5R25	RL-2+	308.56
			TL3A+	455.67
		29.5R25	RL-2+	314.37
		425/65R22.5	G178	760.00
445/65R22.5	G178	386.50		

## Report Filters / Options

Accounts	KTD Construction
Measurement Unit	English - 32nd/in



# **OBSERVATIONS AND RECOMMENDATIONS**

- Unit # 5501: The RF wheel has turned on the hub making the valve stem inaccessible, must be corrected in order to take air pressure reading**
- Unit # 5508: Increase LF to 60 PSI from current 29 PSI, decrease rear tires from 70 PSI down to recommended 55 PSI**
- Unit # 5506: The rear tires are over inflated, adjust from 56 to recommended 35 PSI**
- Unit # 5505: Adjust the RR from 62 to 75 PSI**

# OBSERVATIONS AND RECOMMENDATIONS

- **Tire Inflation Pressures**

- **Maintaining proper tire inflation is the easiest way to increase tire longevity and in turn keep tire cost under control.**
  - **Reduces impacts and tread cutting due to over inflation**
  - **Reduces incidence of run low or run flat**
  - **Assures load carrying abilities**
  - **Reduces incident separations failures due to over inflation**
- **With the continuing world wide shortage of OTR tires the importance of maintaining proper inflation is much greater.**
- **All loaders are now equipped with recommended air inflation stickers.**

# INFLATION

## UNDER INFLATION

**\*When inflation pressure is less than specified for a given tire load, the following conditions are likely to occur:**

- ply, tread separation
- casing fatigue
- radial sidewall cracks
- liner failures
- irregular or rapid wear

## OVER INFLATION:

**\* When inflation pressure is higher than specified for a given tire load, the following damages are susceptible:**

- rock penetrations, punctures and cuts
- cut growth
- cut separations
- spin cuts
- irregular and rapid wear

**\* Additional disadvantages can result from over inflation causing decreased mobility or damaged equipment.**

- loss of traction
- poor handling
- operator fatigue
- hard ride excessive vibration
- payload spillage



# Coast Tire & Auto Service Locations

