## THE USUAL SUSPECTS
### Irregular Trailer Tire Conditions

### Depression Wear (Intermediate)
- **Appearance**: One or more interior ribs (not center) worn below adjacent ribs around the tire's circumference.
- **Probable Cause**: Worn suspension components, mismatched dual diameter or inflation pressures, under-inflation, improper bearing adjustment. Aggravated by high speed/light loads.
- **Corrective Action**: Diagnose mechanical condition and correct.
- **Tire Disposition**: Continue to run until pull point, then retread.

### Diagonal Wear
- **Appearance**: Localized flat spots worn diagonally across the tread, often repeating around the tire.
- **Probable Cause**: Improper bearing adjustment, misalignment, mismatched dual tire diameter and/or inflation pressure. May start as brake skid. Aggravated by high speed/light loads.
- **Corrective Action**: Analyze cause and correct.
- **Tire Disposition**: Reverse direction of rotation. If excessive, submit for retreading.

### Brake Skid Damage
- **Appearance**: Localized spot of excessive wear across tread face showing abrasion marks. Damage may extend into casing.
- **Probable Cause**: New brakes (not worn in), unbalanced brake system, frozen brake lines, driver abuse.
- **Corrective Action**: Check brake system.
- **Tire Disposition**: May be repaired or retreaded if casing is undamaged; otherwise, scrap.

### Depression Wear (Shoulder)
- **Appearance**: Tire worn on edge of one shoulder, generally less than 12” in circumference.
- **Probable Cause**: Excessive camber, misaligned or damaged axle, improper bearing adjustment.
- **Corrective Action**: Diagnose mechanical condition and correct.
- **Tire Disposition**: Continue to run until pull point, then retread.

### Shoulder Step Wear
- **Appearance**: Random areas of fast wear around the tire. Erratic in some instances.
- **Probable Cause**: Mismatched inflation pressure or tire diameters in a dual assembly. Aggravated by high speeds/light loads, poorly maintained suspension components.
- **Corrective Action**: Check for worn components, inflation pressures and matching tread depths.
- **Tire Disposition**: Continue to run until pull point, then retread.

### Cupping / Scallop Wear
- **Appearance**: Random areas of fast wear around the tire. Erratic in some instances.
- **Probable Cause**: Mismatched inflation pressure or tire diameters in a dual assembly. Aggravated by high speeds/light loads, poorly maintained suspension components.
- **Corrective Action**: Check for worn components, inflation pressures and matching tread depths.
- **Tire Disposition**: Continue to run until pull point, then retread.

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