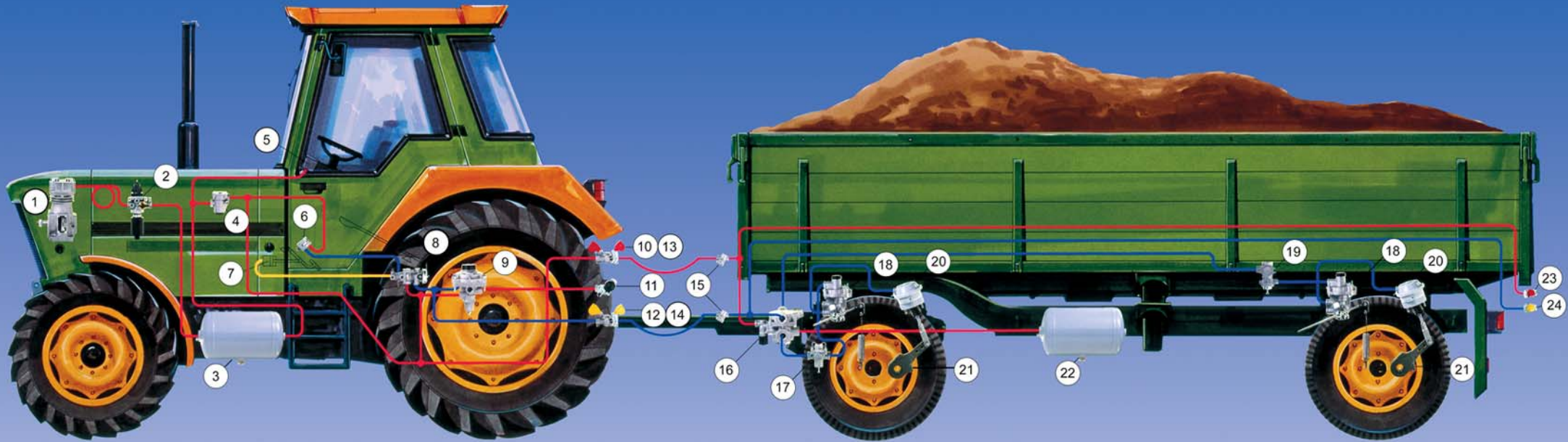


Design of an Air Braking System



- | | | | |
|---------------------------|-------------------------------------|---|-------------------------------|
| 1 Compressor | 7 Hydraulic Brake Master Cylinder | 13 Coupling Head (two-line, supply) | 19 Pressure Limiting Valve |
| 2 Unloader | 8 Trailer Control Valve | 14 Coupling Head (control line) | 20 Brake Cylinder |
| 3 Air Reservoir | 9 Single-line Trailer Control Valve | 15 Line Filter | 21 Slack Adjuster |
| 4 Pressure Limiting Valve | 10 Coupling Head (two-line, supply) | 16 Relay Emergency Valve with Release Valve | 22 Reservoir with Drain Valve |
| 5 Pressure Gauge | 11 Coupling Head (single-line) | 17 Adaptor Valve | 23 Coupling Head (supply) |
| 6 3/2-Way Valve | 12 Coupling Head (control line) | 18 Autom. Load Sensing Valve | 24 Coupling Head (brake) |

WABCO