



FLEXX
MORE MILES. LESS FUEL

DOES YOUR WHEEL BALANCE RESPOND IN REAL TIME?



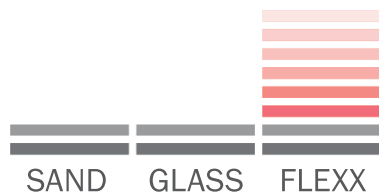
MATERIAL MATTERS

DUAL FORCE ACTIVE BALANCING TECHNOLOGY

We put 50+ compounds to the test as we developed FLEXX and determined that it wasn't one compound that maximizes vibration reduction, but a combination of two soft compounds that react to and absorb force better than any other internal wheel-end balancer on the market.

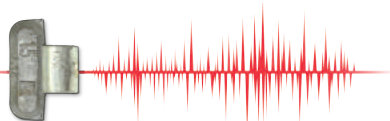


THE SOFTNESS SCALE



As the softest internal balancing compound available, FLEXX maximizes vibration absorption for the life of the tire.

FLEXX keeps the footprint in optimum contact with the road at all times – delivering your fleet the longest, most even tire wear available.



Vibration is wasted energy that increases rolling resistance.



DO YOU TREAT ALL YOUR WHEELS EQUALLY?

MULTIPLY YOUR SAVINGS— IN ALL WHEEL POSITIONS.

Testing proves that adding FLEXX to drive tires improves ride quality by as much as 50 percent—but stopping there leaves a lot of savings on the table.

Because every tire generates rolling resistance and lowers fuel economy in the process, using FLEXX in all wheel positions multiplies fuel savings. See for yourself!

STEERS
18%
IN SAVINGS

DRIVES
39%
IN SAVINGS

TRAILER
43%
IN SAVINGS

+\$1,000

+\$2,200

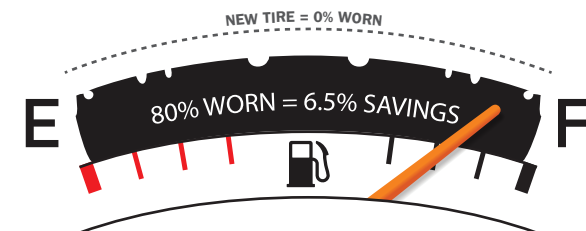
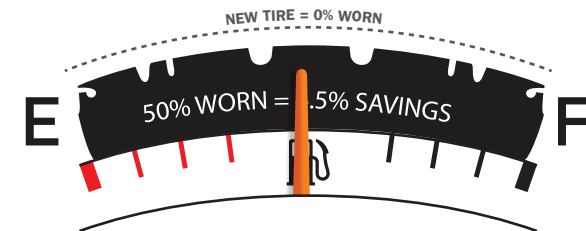
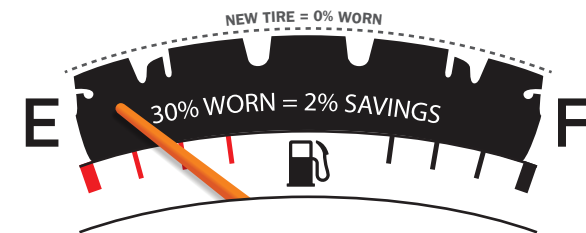
+\$2,300



= \$5,500

**IN TOTAL ANNUAL TIRE &
FUEL SAVINGS PER TRUCK
USING FLEXX IN ALL WHEEL
POSITIONS**

SAVINGS FROM FLEXX IN ALL WHEEL POSITIONS

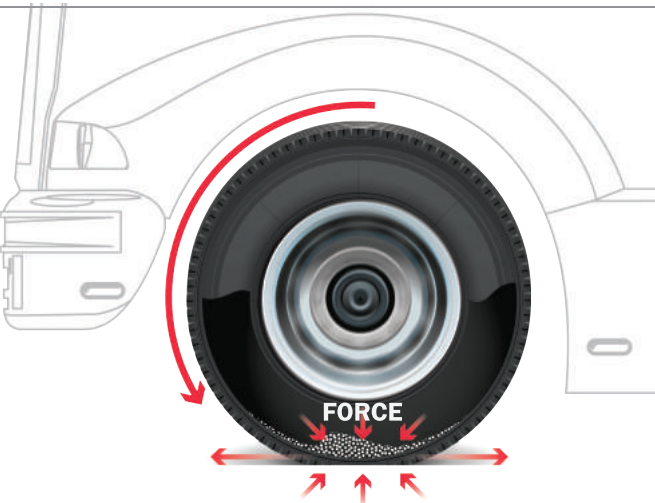
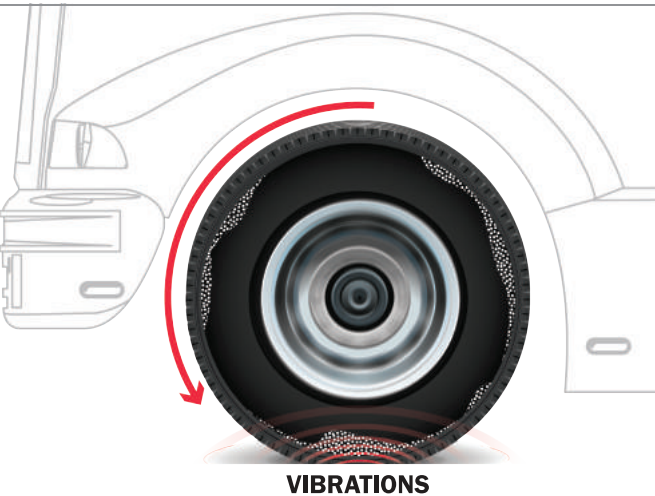
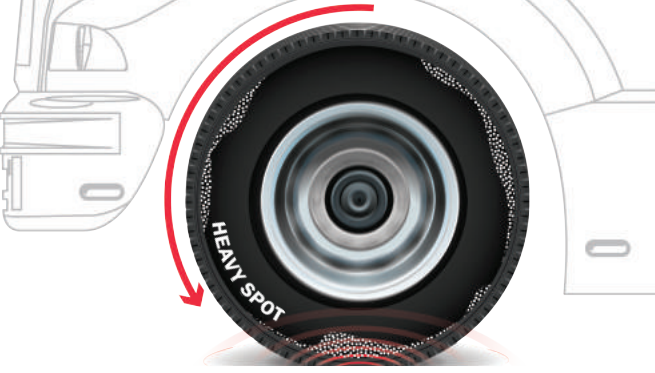


GO BEYOND BALANCE.



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THE SCIENCE BEHIND FLEXX.



DYNAMIC MASS BALANCER

CHALLENGE: Tread wear leads to uneven surfaces.

SOLUTION: FLEXX automatically shifts to lighter tread areas to offset uneven weight as the tire rolls. By dynamically balancing the tire and wheel & brake assembly and constantly adjusting to changing tire conditions, FLEXX extends tire life and contributes to a smoother ride.

RESULT: FUEL SAVINGS OF 2 – 3% AND A BALANCED, SMOOTHER RIDE.

VIBRATION ABSORBER

CHALLENGE: Tire vibrations create energy, which causes vibrations.

SOLUTION: FLEXX particles absorb energy and the accompanying vibrations within the tire. Energy absorption happens everywhere on the tire's circumference where vibration occurs, not just at the footprint. In turn, vibrations are decreased through the complete tire and wheel assembly.

RESULT: REDUCES VIBRATIONS BY 20 – 50% PLUS LESS WEAR- AND-TEAR ON THE TRUCK.

FORCE REDUCER

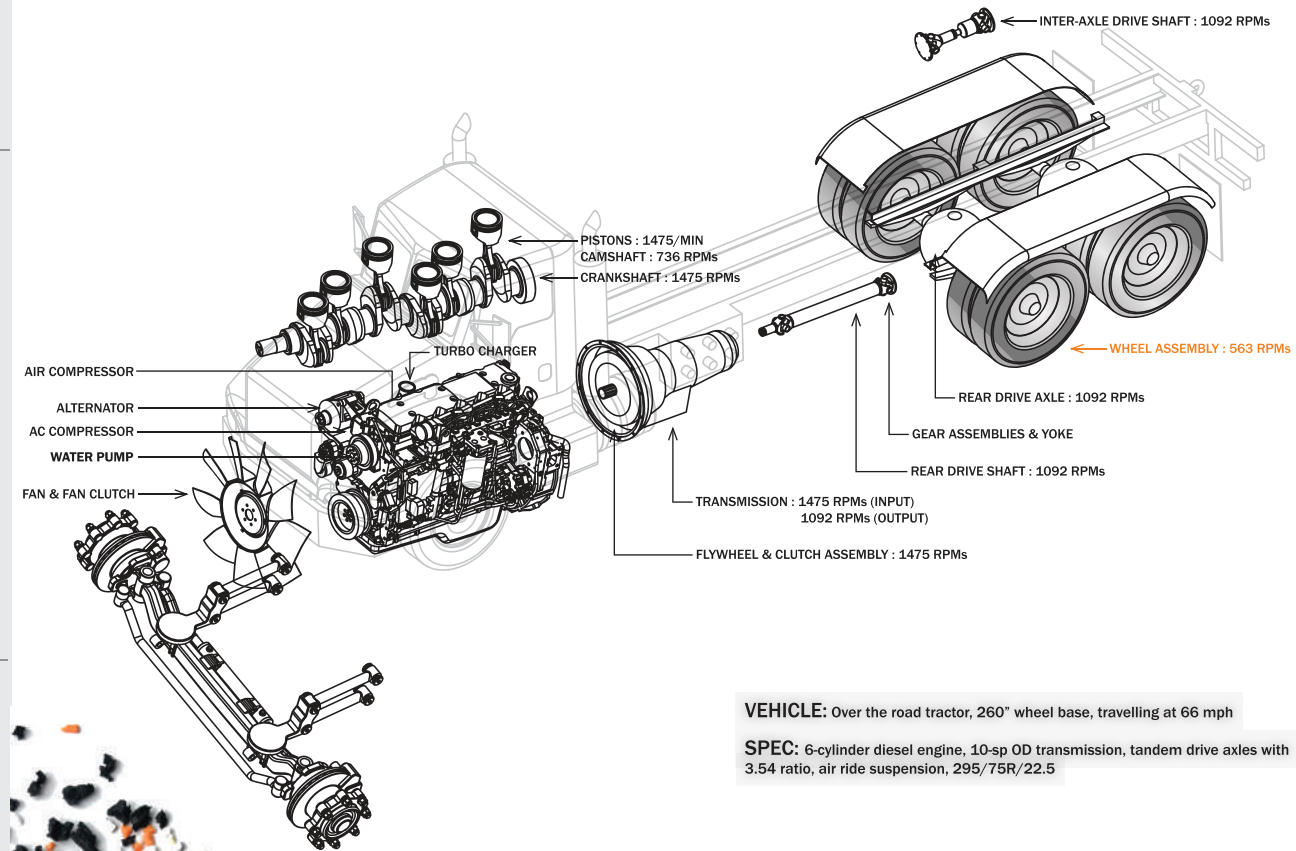
CHALLENGE: Uneven road conditions create upward force.

SOLUTION: FLEXX neutralizes upward force by applying 30 pounds of downward force uniformly at the footprint at highway speeds. At the same time, FLEXX also absorbs this energy and disperses it away from the tire, which flattens the footprint for even tread wear.

RESULT: EXTENDS TIRE LIFE BY 10 – 40% AND MILEAGE FOR FUEL SAVINGS OF 6.5%.

IF IT ROTATES, IT SHOULD BE BALANCED.

A balanced part runs more smoothly, which is why every rotating part on a truck comes balanced from the factory. The only exception: Tires. At 66 mph, just one out of balance drive tire can vibrate nearly 10 times a second. As the largest rotating mass on the truck, at 200 lbs. per wheel assembly, doesn't it make sense to balance all of your tires as well? With EQUAL FLEXX, it does.



VEHICLE: Over the road tractor, 260" wheel base, travelling at 66 mph

SPEC: 6-cylinder diesel engine, 10-sp OD transmission, tandem drive axles with 3.54 ratio, air ride suspension, 295/75R/22.5



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