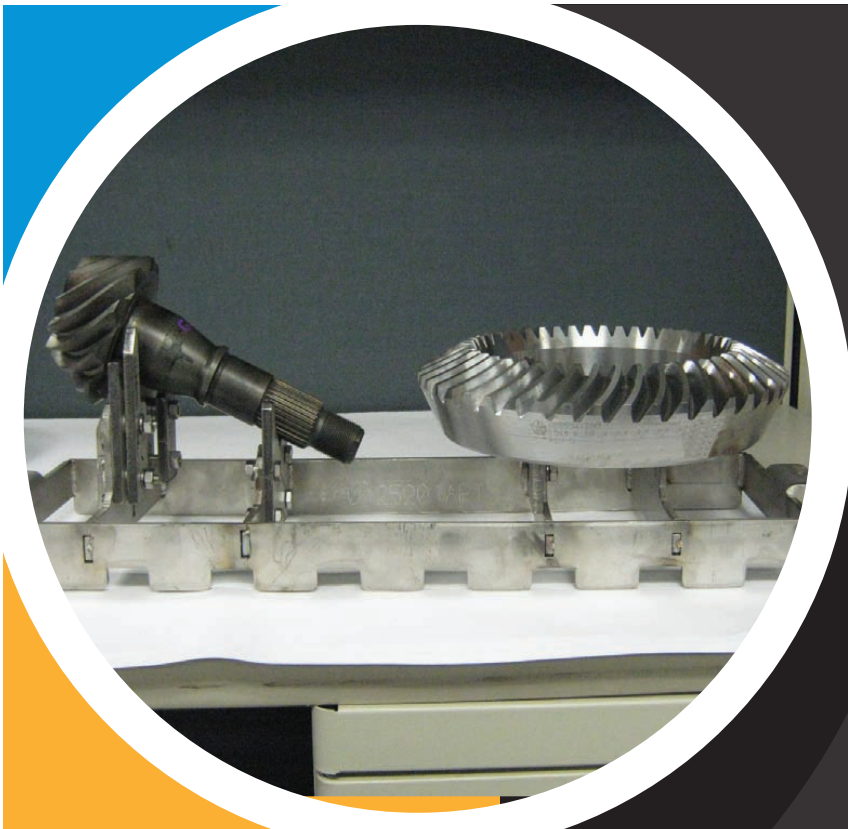
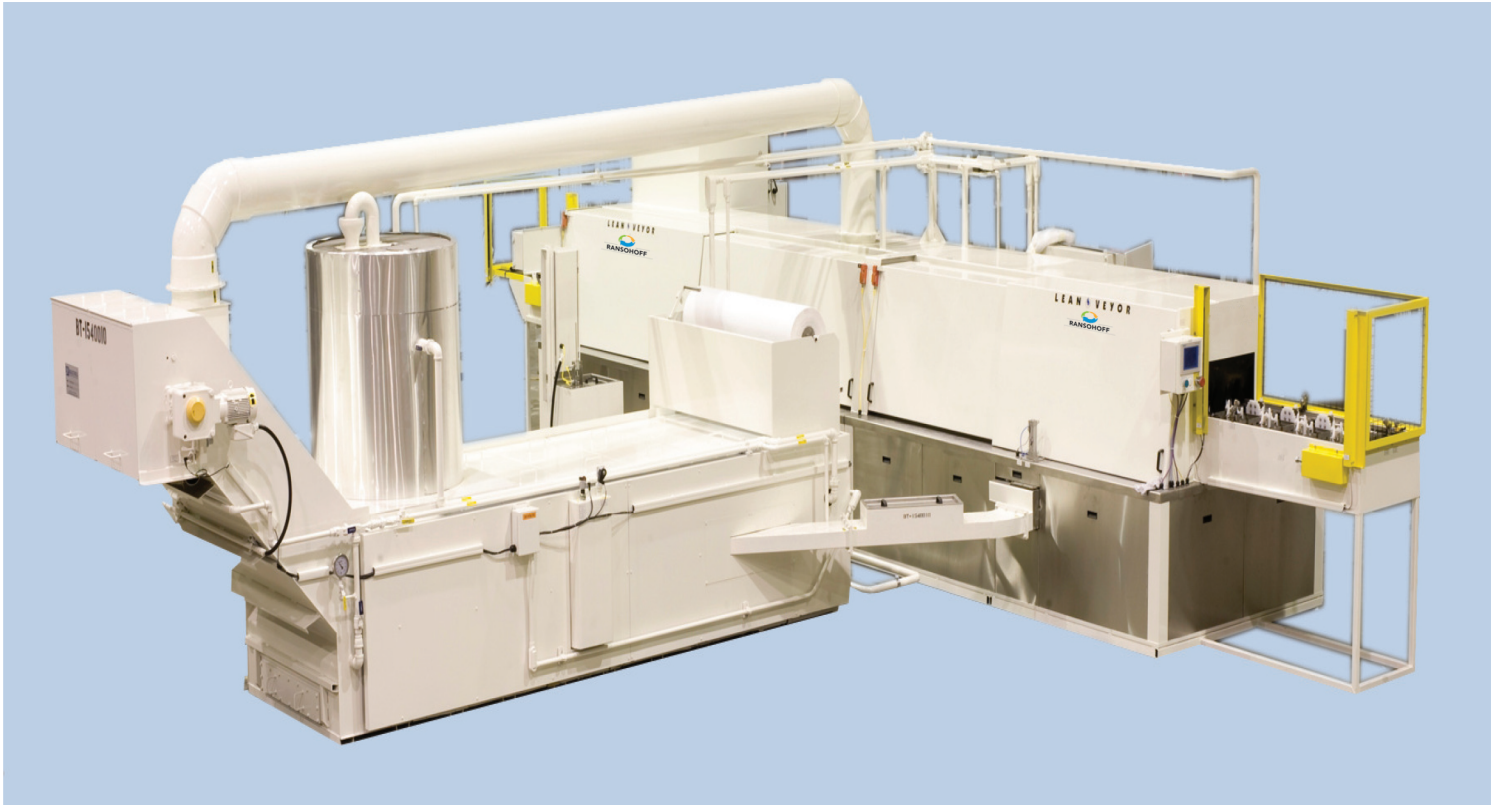




**RANSOHOFF**



LEANVEYOR LV-24

CASE STUDY

RING AND PINION GEARS

## THE CHALLENGE:

Contamination:	Grinding Swarf And Oil
Cleaning Expectations:	.55 milligrams per gear set for an axle with 70oz of fluid fill
Drying Expectations:	100% Dry
Part Acceptance Method:	Standard millipore procedure
Production:	72 sets per hour
Loading / Unloading:	Automatic via gantry
Preceding / Succeeding Ops:	Grinding/Test
Footprint Constraints:	As small as possible

## THE SOLUTION:

Equipment:	24" LeanVeyor
Sequence:	Pre-wash, Ultrasonic wash, wash, rinse, heated blow-off
Cleaning Mechansims:	Medium pressure spray
Drying Mechansim:	High volume, heated air & rotation
Features:	Ultrasonics, Dual strand fixtureized conveyer, Duplex filtration wash and rinse
	Pro-Sep, wash down stage in blow-off, Siemens controls, continuous vacuum filter
Actual Footprint:	35' Long x 31' Wide, x 8' tall with continuous filter
	35' Long x 10' Wide x 8' Tall without continuous filter

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