

BEACH
FILTERS*Clear The Air*

Nissan Case Study

At Nissan North America's Smyrna Tennessee plant, increasing production demands have elevated the pursuit of world-class reliability to the top of the list and precision lubrication is one of the foundational elements of this ongoing initiative.

In order to meet production goals, machines have to run and when machines fail they're not running, so the most cost effective solution is to become proactive. Rather than just focusing on failure prediction and efficient repairs, the Smyrna plant has focused on identifying and eliminating the root causes of machine failure. The three predominate causes of machine failure in lubricated equipment are particle contamination in the oil, moisture contamination and using the wrong oil or one that has degraded beyond the point of usefulness.

Prior to the start of the program, they checked the particle counts in their lubes and found them high. Lube systems were then drained, cleaned and refilled with new oil. New oil was filtered down to 3 microns and breathers installed on all reservoirs.

After only five months of improved lubrication, breakdown frequency had been reduced by 53% and downtime fell by 54%. It should be noted that the types of failures being eliminated are typically developed over long periods, so the reliability gains experienced in the first five months can be expected to increase in the months and years to come. With these initial results, the entire plant will convert to the new contamination control best practices.

[Read entire white paper](#)

Oil Contamination » Filtration Products and Adapter Kits

Lower Maintenance Costs - Protect your equipment from damaging effects of contamination!

Remember, oil contaminants enter your systems 2 main ways:

- **The oil reservoir breather cap » 70%**
 - Solution - Beach Breathers
- **Contaminated new oil or re-contaminated existing oil » 30%**
 - Most new oil is contaminated



Oil Filtration Products: Contamination Control Saves Money

Clean New and in-process lubricants & Keep them Clean

Oil filtration is key to **preparing oil for use** and **keeping oil "healthy."**

Beach Filters provides a full range of oil filtration products:

- **Oil Filter Carts**
- **Drum Topper and Panel units**
- **Depth filtration**
- **Vacuum dehydration**

Get your customers interested in clean oil. Sometimes starting

Adapter Kits: Clean Oil Transfer and Breather Protection



Adapter kits provide clean transfer of oil and breather protection for your drum, tote or reservoir. Your customers need to know about these solutions.

Adapter Kits are also good starters; get them to commit to cleaning up the drum of oil for their most expensive piece of equipment.

Beach's Big Deal Filter Cart Giveaway

It's time to get interested in Oil filtration.

Win it, sell it, rent it out. Do you have a customer opportunity needing a final push?

Register for the drawing. Send us an e-mail - sales@beachfilters.com, fax, telephone, or even mail and we'll put your name and company in the drawing for a FREE Filter Cart built by our partners at Des-Case Corporation. And we will be happy to come and give training.

This cart is spec'd per the following code » BH-02EB5B5JC14115* and is valued at \$2713.54.

CATEGORY	CODE	DESCRIPTION
PUMP	02E	2 gpm pump / 1 hp electric motor, 115 vac, 60 hz, 1725 rpms, 13 amps
DRAIN	B	ISO B Connector
DRAIN HOSE	5	3/4 inch connection, 3/4 inch hose
FILL	B	ISO B Connector
FILL HOSE	5	3/4 inch connection, 3/4 inch hose
FILTER A	J	Water Removal Filter
FILTER B	C	12 Micron Particulate Filter
BYPASS VALVE	1	Manual Filter Bypass Valve
SAMPLE PORT	4	Push Button Sample Port
ELECTRIC CORD	1	25 Foot Cord
RELIEF VALVE	1	Safety Relief Valve
COLOR	5	Red
Y-STRAINER		No Y-Strainer

*No changes to the specs are permitted in this promotion.

**Lori says you pay the freight, Leslie says it's free shipping, call to negotiate.

Go to <http://www.beachfilters.com> to get interested!



Testimonials: needed for compressed air filters, breathers and Sta-Dri desiccant pouches. Fill out form on beachsta-dri.com or call 717-235-1136 for a nice reward. [CLICK HERE](#)

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