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# LUBES'N'GREASES



**Shattering the  
Glass Lubes Mold**

**Pay's Sweet in the  
Sales Suite**

## PRODUCT NEWS



Bearings glide smoothly on polymer.



All the protection, none of the contaminants.



Monitor, analyze, repair.



No particle can hide.

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diesel engine oil products. The Duron products will be available in four performance tiers as Duron HP, SHP, UHP and Duron Advanced, the latter which maximizes fuel economy required by API FA-4, the company says. The HP and SHP tier each have a 15W-40 viscosity oil, while both SHP and Duron Advanced have a 10W-30 viscosity oil. The UHP tier offers the widest range of viscosities with 10W-40, 0W-30 and -40, and 5W-30 and -40. Duron's heavy-duty diesel engine oils will be commercially available Dec. 1. Web: [www.lubricants.petro-canada.com](http://www.lubricants.petro-canada.com)

### SKF Boosts Bearings Formula

SKF upgraded its Solid Oil-filled bearings to benefit more equipment subjected to humidity, contamination and other operating conditions. The oil-saturated polymer matrix in the bearings creates a consistent lubricant supply that withstands very cold temperatures, aggressive chemicals, contaminants, and high centrifugal forces. The polymer matrix contains two to four times more lubricating oil than standard grease-filled bearings, and the bearings never have to be re-lubricated, SKF notes. This enhanced formula can be added to any standard SKF bearing and provides an effective seal by filling up the bearing's cavity. Solid Oil-filled bearings allow for food processing equipment, cranes, machinery and conveyors to function

without the need for manual greasing, and additives such as rust inhibitors can be incorporated in the mix to increase protection. Web: [www.skf.com](http://www.skf.com)

### Recyclable Protection

Biodegradable corrosion protection just got easier. Cortec has developed EcoAir VpCI-337 Fogger in a recyclable spray can. This biodegradable vapor corrosion inhibitor protects metal parts and internal spaces with a thin, self-healing film, says Cortec. The Vapor-phase corrosion inhibitors in the fluid activate to protect surfaces without affecting conductivity, appearance or any other properties of metals and alloys. No other harmful solvents or aerosols are released into the atmosphere, the company adds, and when the can is empty, users can simply remove the top, take out the inner bag and recycle it alongside other aluminum products. Web: [www.cortecvci.com](http://www.cortecvci.com)

### Better Marine Lube Monitoring

Shell Marine launched a new software package called Marine Connect for its LubeMonitor service. This software provides easy-to-read reports, engine overview and historical data on the vessel that is analyzed, the company states, and allows Shell's experts to provide comments on parts that require optimization. The LubeMonitor runs together with the company's Rapid Lubricants Analysis cylinder check to assess cylinder oil samples for equipment issues

before they become critical. "Shell LubeMonitor allows customers to evaluate Shell RLA data and data generated from Shell's Onboard Alert magnetic iron analyzer and Shell's Onboard Plus BN test kit, to strike the best balance between cylinder oil cost and engine reliability by optimizing feed rates," the company adds. Web: [www.shell.com](http://www.shell.com)

### Detect Pesky Particles

Spectro Scientific has introduced a new way to routinely measure ferrous wear particulates in lubricants with its FerroCheck portable magnetometer. A 30-second analysis of a sample allows FerroCheck to sense the disruption of a magnetic field generated by ferrous debris, such as iron, in the lubricant. The tool can detect particles from nanometers to millimeters in size and has a sensitivity range of 0 to 2500 ppm, providing highly repeatable results, the company claims. FerroCheck also allows non-laboratory personnel to detect particulates without solvents or sample preparation. "When performing measurements on site, FerroCheck eliminates the wait associated with lab-based fluid analysis and enables users to make immediate maintenance decisions that reduce unexpected downtime and costs and eliminate potential catastrophic machine failures," Spectro Scientific adds. Web: [www.spectrosci.com](http://www.spectrosci.com) ■