

## On an island called Christmas, one can find Caterpillar® machines hard at work.....



Cat Hydraulic Excavator 330BL loading phosphate into a Cat D400E dumptruck.



The new Cat 740 articulated truck is ready to take on the work of its predecessor, the D400E



Cat 980H wheel loader, loading from stockpile onto a Kenworth truck, powered by Cat engines.



Loading phosphate into hulls destined for the world.

Christmas Island, located in the Indian Ocean at latitude 10°30' south and longitude 105°40' east – has been in the business of mining and exporting phosphate (a powdery soil of fossilized birds' droppings) for hundreds of years, more recently through Christmas Island Phosphates for use throughout the world by plantations and those in the fertilizer industry.

From the early days of British Phosphate Commissioners right through to Christmas Island Phosphates – Tractors Singapore Limited (TSL), authorized full-line Cat® dealer – has been servicing this assigned territory along with the Republic of Singapore, and since 2000 – the Republic of Maldives.

Testimony to TSL's efforts are the fleet of Caterpillar machinery comprising excavators, wheel loaders, track type tractors, graders, compactors and dump trucks (even their Kenworth prime movers are fitted with Cat engines). These machines work in the phosphate fields from mining to crushing, transporting this material to dryer and stockpiles and onto conveyors right into the hull of ships destined for the world.

They are also used to improve the infrastructure of this special Island where people and nature co-exist.

*"We are fortunate to be under the care of Tractors Singapore Limited whose management and staff have accorded Christmas Island Phosphate exceptional services and support throughout our island's mining history."* says Mr Kelvin Lee, Planner, for the Mobile Plants Maintenance Department.

Christmas Island Phosphate, loyal users of sturdy and reliable Caterpillar machinery, recently added a 980H wheel loader and are replacing two 20+ old dump trucks with new Cat 740 articulated dump trucks. A new Cat D9T bulldozer will also be added to CIP's fleet of machines next month.

TSL's staff, Training Executive (Teo Boo Gay) and Chargehand (Teo Cho Boo) visited the Island recently to provide training and commissioning.

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## **THE JACOBSEN® TURFCAT 628 KEEPS SINGAPORE RECREATION CLUB'S SOCCER/RUGBY TURF TRIMMED AND SMART**



The Jacobsen® TurfCat 628 doing justice to SRC's field with its Fine Flail.

What do the Singapore Recreation Club (SRC) and Jacobsen Turf Care have in common? Both are established brand names which can rightly claim to have existed for over a 100 years.

The SRC, formed in 1883, is located on 20,000 sq metres of prime land in the midst of the business hub complete with its own soccer and rugby field. To meet the Club's expectations in maintaining this field, Sime Darby Industrial, represented by Tractors Singapore Limited, recently delivered a unit of the Jacobsen® TurfCat 628 (the TurfCat) with the Fine Flail attachment.

The TurfCat's 26hp diesel engine provides more than adequate power to mow the field effortlessly. Its hydraulic deck drive means there is no need of a gear box, drive shaft or clutch to provide a highly efficient transfer of power that requires very little maintenance. The TurfCat also offers 6 different deck options, including the industry's only 60-inch fine-cut Flail, making it a versatile high value machine.

Some of the other advantages the TurfCat are:

- 4-Wheel Drive Availability - Series-parallel traction system for superior hill climbing.
- Height of Cut Range From 1" to 4" to meet most common applications
- Flip-Up Seat - Easy access to hydraulic components.
- 6 Different Deck Configurations including a Flail - Largest selection in industry - No one offers more.

*"I am pleased with the performance of this unit. The Flail does a fine and clean cut whilst mulching the*

turf into smaller pieces. This saves us the added effort of having to collect the cuttings and instead allows it to naturally become compost," declares Mr Ali Shah, the Chief Groundskeeper.

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### New Caterpillar® Product Introduction Seminars at Petroleum customers' offices



Together with Caterpillar's Global Petroleum group, TSL Power Systems Petroleum team visited Keppel FELS, Jurong Shipyard, PPL Shipyard, Lion Global and Schlumberger on 10th and 11th March 2009. Team TSL-CAT organized a half-day seminar for each of the four customers to introduce the new Caterpillar C280 and C175 diesel generator sets and products for well-servicing transmission. The seminars aimed to create awareness and engage customers from various levels, namely the procurement, engineering and project departments. Another objective of the seminars was to pre-launch the C175 model.

The C175 model bridges the product gap between the existing models 3516C HD, 3606 and 3608. It has 20% more power than the 3516C HD model and is more compact than the 3606 and 3608 models. The C280 model is an electronic unit injection engine that meets the IMO Tier 2 requirement. It is built with the proven technology of the successful 3600 engine model series and has better fuel consumption.

Mr Chuck Griffith and Mr Todd Krueckeberg, Global Petroleum custom packaging specialists of Caterpillar, specially flew in from Houston to join the speaker group and to get to know our customers. Team TSL-CAT thank our customers for giving us the opportunity to conduct these seminars at their offices and for their keen participation. The information-sharing sessions proved to be fruitful with many questions fielded on the spot.

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# OLD IS GOLD

**Getting an overhaul for your Caterpillar® 6.25 bore engine?  
Trouble finding the right parts for it?**



**Here's Your Answer?  
Tractors Singapore has Special Overhaul Kits  
available for Cat engines manufactured in the 1960s  
6.25 Bore: D397-D399**

These reliable and hardy 6.25 bore engines (D379, D398, D399, G398, G399) are used in the petroleum, marine, industrial and electric power industries. To provide a “*peace of mind*” solution when overhauling these units, authorized Cat dealer for Singapore, Christmas Island and Maldives – Tractors Singapore, offers three kit types based on your most preferred repair option.

**What's in it for me?**

An overhaul kit for 6.25 Bore engines offers a lower cost option of 30% and provides great value for you, our valued customer, throughout the lifecycle of your CAT® 6.25 bore engine.

With the 6.25 bore overhaul kit, you can enjoy the benefits of:

- Improved pricing of about 30%
- Consolidated parts packaging (core overhaul parts in a box!)
- Head conversion to latest valve train
- Easier ordering process with just one part number
- Reman alternatives
- Avoid duplicating and avoid missing parts for repair
- Improved repair efficiency
- Caterpillar standard parts warranty for the parts in the kit



Investing in the 6.25 overhaul kit, you can maximize profit throughout the life cycle of your equipment!

New Original Production Overhaul Kit	New Original Production Overhaul Kit with Reman Heads	Overhaul Kit with Reman Heads and Cylinder Packs
Liners	Liners	Cylinder Packs
Liners Seal Kits	Liners Seal Kits	Upper, Central & Lower Gasket Kits
Rings	Rings	Front & Rear Structure Gasket Kits
Pistons	Pistons	Crankshaft Bearings
Piston Pins	Piston Pins	Connecting Rod Bearings
Overhaul Gasket Kit	Overhaul Gasket Kit	Camshaft Bearings

Crankshaft Bearings	Crankshaft Bearings	Camshaft Thrust Bearings
Connecting Rod Bearings	Connecting Rod Bearings	
Connecting Rods	Connecting Rods	
NOT INCLUDED	NOT INCLUDED	
Valves	Reman Head	Reman Head
Guides		
Inserts/Seats		
Retainers/ Keepers		
Springs		

Select your preference, call our Parts & Service Sales personnel and we will fulfill your order! All enquiries are welcome.

Name/Designation	Office Telephone Contact	Handphone	Fax Number
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<b>Ms Catherine C Jose</b> <i>Parts and Service Sales Representative</i>	(65) 6663 8878	(65) 8301 9491	6266 4711
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