

Allied Winches in Malaysia Simplicity is Reliability

ROUTE TO:	
Sales Manager	
Parts Manager	
Service Manager	

A new generation of W6F winch is bringing greatly improved skidding performance to Caterpillar 527 track skidders. The W6F winches have many years of proven reliability in Malaysia. The direct drive version of W6F, the W6FDD, was the standard offering on the previous Caterpillar D6D direct drive tractors for the past 30 years. Samling, one of the major logging companies in Malaysia, has several hundred W6F DD winches mounted on their Caterpillar tractor fleet. The current W6F Power-controlled (PC) winch shares a common gear train, shaft and drum with the DD version, but adds self-contained, hydraulically controlled multi-disk oil clutches and brake.



Operator Francis Kus Manjawg loves the additional productivity the Allied arch gives him. More logs, more pay.

A huge advantage for the W6F winch is that it is designed to

support the loading from a logging arch. The Allied arch features heat-treated rollers for long wear, load bearing arch support brackets to transfer the load back to the tractor rear face, and careful placement to maintain tractor balance. This keeps the tracks on the ground, enabling the tractor to pull multiple heavy logs at one time. Preliminary results indicate that adding an arch helps boost

Shorter Lead Time!

Finally! Lead times are starting to drop to a more reasonable level. Thanks to some major increases in our production capacity and some new manufacturing procedures, we are now in a position to quote 3-month lead time on all winches of size W5C and larger.

Even better, all W3C winches are now at 30 days.

We don't want to let our lead time keep you from winning an order. If you have an order you know you can close with a shorter lead time, give us a call and we'll do all that we can to help you out.

the track skidder productivity by 20 percent, making it a very savvy investment.

(Cont. on next page)



The weight-balanced W6F winch enables the Cat 527 to keep its tracks on the ground, so that it can pull two logs at a time.

(Cont. from previous page)

Tractors Malaysia Sdn. Bhd. (TMB), the local Caterpillar dealer, is known for its expertise and customer support, especially in the logging and construction industries. One of their keys to success is their heavy emphasis on operator and customer mechanic training. To support TMB, Allied sent Territory Managers Dan Lanxon and James Smith to job sites in Sarawak and Sabah, Malaysia to conduct on-site winch training. TMB sent Chiang Kwong Hoong and Khew Kok Leong to assist.

Mechanics at the training sessions opened up the winch, studied the gear train, and traced through the hydraulic schematics. After understanding the hydraulics, they found that the winch was as simple to service as the DD model.



Supporting the Allied winch training in Sarawak are (R to L, standing): Peter Ung, TMB service manager, Wee Chong Seng, Assist General Manager, Samling, Chiang Kwong Hoong, TMB, and (back row, center) Dan Lanxon, Allied Systems.



One gauge tells the internal operating condition of the winch, making service simple.

Each mechanic used a single pressure gauge to answer troubleshooting questions such as:

- “Are the clutches fully engaged to transmit the full tractor horsepower for strong line pull?”
- “Is the accumulator holding the charge?”
- “Are there any internal leaks causing loss of pressure?”

With the training, they can now rule out or pinpoint any problem before opening a single service cover, with the winch still mounted on the tractor.

“One pressure gauge does it all. It tells whether the clutch is fully engaged, brake fully released, and winch adequately cooled,” said Chan Hui Kwong, the Chief Mechanic at the Samling logging camp in Sarawak, Malaysia. That

was the consensus of the mechanics at the two Allied winch training sessions in Malaysia. They all agreed that the Allied W6F winch is easy to operate and service.

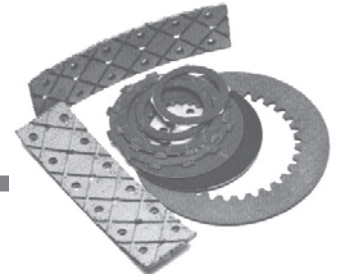
Mr. Wee Chong Seng, Assistant General Manager of Equipment Management at Samling, sees one more benefit from the simplicity of the Allied winch—operator training. Keeping things simple and clear certainly helps.

Allied engineers make it even easier by putting green and red bands on the face of the gauge. “We now have a simple and clear guideline to the operator. If it is green, operate it. If it is red, stop and call the mechanics,” said Wee.



Participants of the winch training in Kota Kinabalu are (front row, L to R): Lee Ting Liong, Ting Chiong Soon, Melvin Minoza, Chen Chorng Jiun, Augus Lais, Chew Boon Leong, Lo Wong Lok; (back row, L to R): Vincent Chiu, James Smith, Chuang Lih Bin, Bill Chan, Wisli Sukiati, Dan Lanxon, Runi Gani, Kerinu Bin Mustapha, Zahimra Astor, Roddy Randi, Paul Aloysius.

PARTS NEWS



Download the 2008 Service Parts Price List using E-commerce

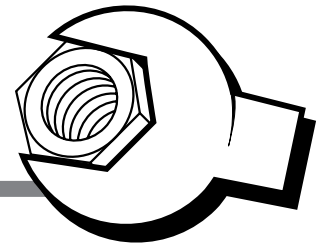
Allied Systems Company has just released the new Service Parts Price List for 2008. These prices are effective on all new orders placed beginning February 1, 2008. Authorized dealers with an E-commerce account number and password can download the new Price Lists directly from our E-commerce website (under "Links and General Information").

Dealers wanting to apply for an E-commerce account should visit our website (ec.alliedsystems.com)

and fill out the on-line application. Applying for access takes only a few minutes and you will receive a response within 48 hours. Using the E-commerce website, you can check price and availability by part number or groups of part numbers, place orders on-line, and consult Parts and Service manuals as well as other documentation, such as the Parts & Service Policy Manual. (You will need to disable your Popup blocker to access the E-commerce website).



SERVICE NEWS



The Best Winch Deserves the Best Oil

Selecting the appropriate winch oil can make all of the difference in the performance of your investment. Winch oil lubricates bearings, shafts, and gears while providing the winch handling performance you expect. For inching applications in our PTO-driven winches, using the recommended oil is essential because it supplies the proper friction properties necessary for precise load control and minimized heat build up.

Using the wrong winch oil may

damage bearings and friction materials in the clutch and brake assemblies while not sufficiently lubricating all of the necessary components of the winch. Ordinary motor oil is never recommended for winch oil. Using the best oil is a smart investment.

Please see the factory approved winch oils in the following table. Consult your winch operator's or service manuals for more information regarding oil viscosity recommendations for extreme temperature conditions.

Manufacturer	Oil Type
ExxonMobil	Mobil Fluid 424 (Allied's Factory Fill Oil)
Caterpillar	Multipurpose Tractor Oil (MTO)
John Deere	Hy-Gard
Case	Hy-Tran Ultra
Chevron	1000 THF

Hooking The Big One

Goober Drilling in Oklahoma has had some strange jobs in its time. This one is a little different. A culvert pipe washed out and moved downstream during some flooding. Goober fished it out and got it onto a truck to take it "home."

This is no small pipe. It's 10 ft in diameter, 70 ft long, and weighs about 60,000 lbs. It took two John Deere 750C crawlers with Allied W6G winches to land this beauty.

Our thanks to Clifton Kolb of Goober Drilling for the photos.

Do you have interesting photos of Allied winches at work? Please send them to us and we'll be happy to consider them for our next issue.



WINCHLINES

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