



PetroChina Lubricant Company  
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Kunlun DCA5070H cylinder  
oil.doc

**Subject: Letter of approval for PetroChina KunLun DCA5070H Cylinder Oil  
(SAE50, BN70)**

Dear Sir,

This letter is to confirm that PetroChina Kunlun DCA5070H cylinder oil is approved by Wärtsilä Switzerland Ltd for use in all Wärtsilä two-stroke engines.

This approval is valid until the end of the year 2008 and based on the satisfactory results in physical and chemical data, bench test data and a 4000 hour field test in the SL Champion equipped with 9RTA84C engine.

The application must comply with Wärtsilä lubricating oil requirements and recommendations. Lubricants should be used as recommended in the Wärtsilä Service Bulletin RTA-18.3 and manuals. The supplying Oil Company is responsible for the performance of the oil in service, to the exclusion of any liability of Wärtsilä Switzerland Ltd.

Yours faithfully,  
Wärtsilä Switzerland Ltd

M. Amoser  
Tribology and Materials

R.K. Drijfholt  
Fuels and Lubricants