

# Vessel Application



**WINSONDA OIL FILTRATION SOLUTIONS**

No.299,Yuyang Road,Kunshan City, 215300,China

Tel:0086-512-36835188 Fax:0086-512-36835185

Site: [winsonda.com](http://winsonda.com) Mail: [sales@winsonda.com](mailto:sales@winsonda.com)

## CUSTOMER

CMD is a marine high-power low-speed diesel engine manufacturing enterprise jointly invested by China State Shipbuilding Corporation, China State Shipbuilding Corporation and Japan Mitsui Shipbuilding Co., Ltd.

## Units Basic Info

- Units: Marine diesel engine
- Reservoir: 120000L
- Oil type: Marine lubricant (ISO VG100)

## PROBLEM

Customer demanded for a high lube oil cleanliness and filtration efficiency for making sure their products running with performance. However, lower filtration rate, high cost and ineffective service pushed customer to look for alternative solutions.

## SOLUTION

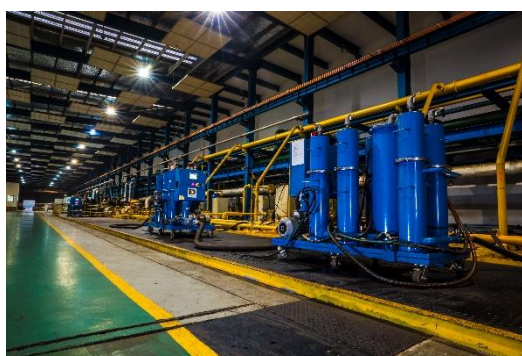
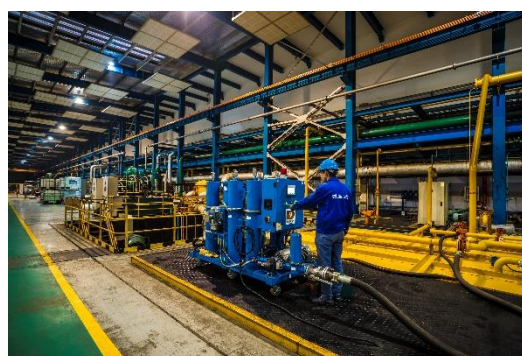
After several-rounds discussion, customer selected WJL-200 filtration unit to oil sump with a flow rate 12000L/hour on 6<sup>th</sup>, April 2015. Particles pass flow dual charging zone and carry negative/positive charges respectively, two types charged particle interact with each other and combine to form the bigger sizes which can be captured by standard filters easily.

## RESULT

After 20 hours filtration, the cleanliness ISO code reached 18/16/13 which was 4 times faster than previous filtration units. Customer recognized the performance of WJL and placed extra order for replacing current filtration units.

## WINSONDA OIL FILTRATION SOLUTIONS

**Add:** Building D, NO.299, Yuyang Road, Kunshan City, 215300, China  
**Tel:** 0086-512-36835188 **Fax:** 0086-512-36835185 **Site:** winsonda.com



Date	2015.4.6	2015.4.7
ISO4406	23/22/17	18/16/13