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Технические характеристики на центробежные очистители масла LYC-30, CYD компании Zhongneng

Виды товаров: центробежно-вакуумные машины для очистки масла, мобильные центробежные очистители масла для высоковязкого трансмиссионного масла и др.

LYC-30 Mobile Centrifugal Oil Purifier Machine for High Viscosity Gear Oil

LYC-30 Mobile Centrifugal Oil Purifier Machine is specially designed for high viscosity lubricating oil solid impurities removing and oiling. It is a mobile type and cost-effective device for lubricating oil replacement and filtration. It is a prior choice of power industry, petroleum, chemical, metallurgy, mechanics railway and etc.



Model:LYC-30

Brand:ZHONGNENG

Code:8421999090

Product Description

Technical Features

- (1) Adopt efficient imported Germany Brand MANN+HUMMEL centrifugal oil separator, which is suitable to remove oil solid impurities from lubricating oil, high viscosity gear oil and the like.
- (2) ZHONGNENG unique double-infrared fluid level auto-control systems replace manual control of oil liquid level
- (3) ZHONGNENG unique distinctive dual impurities filtration technology, with the support of Germany Brand MANN+HUMMEL centrifugal oil separator, to reach the oil cleanness as lower as grade 6 NAS1638.
- (4) Both centrifugal separator and dual impurities filtration system can be worked independently.
- (5) Reliable preheating system, connect with temperature controller, realize temperature adjustable and controllable.
- (6) Connect with two oil storage tanks to guarantee the sound filtration and smoothly operation of machine.
- (7) For high viscosity lube oil, it is advisable to use the centrifugal separator and dual impurities filtration system together.
- (8) Fixed human handle, four wheels with braking achieve easy removing and mobile.
- (9) Compact structure design, portable and easy maintenance, is prior choice for high viscosity gear oil solid impurities removing and oiling.

Working Principle

The LYC-30 mobile centrifugal oil purifier machine has provided two solutions for high viscosity lubrication oil as below:

- (1) Pump the oil into the primary filter to remove the big size impurities, then oil flow preheat oil tank; to heat the oil to 95°C by preheating system; furthermore the oil flow to centrifugal separator to do impurities removing; finally the oil flow out through fine filter by oil outlet pump. This is the whole purification procedure.
- (2) If the oil is too dirty with large amount of impurities, it is advisable for you to choose to purification by our dual filtration system to remove the big size impurities firstly. After it finished, pump the oil to the centrifugal separator to do impurities removing and repeat the solution one.

Maintenance

- (1) After a certain period of running, the machine should be checked to see whether:
- (2) The electrical control system is safe and reliable;
- (3) The temperature controller is sensitive, reliable and accurate;
- (4) Oil seals of the pump shaft are broken with leakage;
- (5) There is any blockage with the running system and any abnormal noise with pumps or related motors;
- (6) There is any air or oil leakage with the oil running system and at sealing joints.
- (7) After each 3000 hours' running, grease shall be replenished to prevent motors from being burnt.
- (8) If the machine will not be used over 1 month, Place the machine in a dry environment with the panel door and all valves closed, and the machine properly protected by a covering.

Centrifugal-Vacuum Oil Purification Machine

It is applied to recover and purify various unqualified industrial oil, with large amount of water and impurities, such as emulsified hydraulic oil, turbine oil and etc. After treatment, oil quality index is enhanced and restored. Oil can be directly used by machinery or equipment.



Model:CYD

Brand:ZHONGNENG

Code:8421299090

Product Description

Features

- ① Integrate centrifugal dehydration method with vacuum dehydration technology into one whole; completely and high efficiently and completely remove liquid water and 80%trace water
- ② Adopt high polymer material filtration system and make full use of Germany brand MAN++ centrifugal filtration technology so as to successfully eliminate the large liquid water and large size of particles from oil
- ③ With the help of vacuum dehydration system, combines the the high precision filtration method, the trace water and tiny impurities, can be thoroughly eliminated from the oil
- ④ Dstinvtive impurities-removing technology,combine with double FH Treapezoidal network and absorbing by high polymer material with out mechanical power.
- ⑤ With Zhongneng unique automatic foam controlling system, the oil gas corrosion can be avoid as well as smoothly operation of the whole oil treatment procedure
- ⑥ Equipped Double electromagnetic valves, over flow valve and double infrared liquid level control system so as to realize automatically oil inlet and outlet, to realize full automatic operation and totally no person on-duty.
- ⑦ Trinity inter locked preventive device, provide effective over-voltage protection, oil leakage protection and dry-heating protection.

Working Principle

- 1 Oil flow into the primary filter via oil inlet pump and big size particles will be removed from oil.
- 1 After primary filtration, oil flow into heater and being heated.
- 1 The heated oil flow into centrifugal separation system and completely dehydrate large amount of liquid water
- 1 The dehydrated oil flow into vacuum separation system via the power of vacuum dehydration and trace water will be removed.
- 1 Then the oil flow into fine filter and the tiny impurities will be removed. Thus the a centrifugal vacuum oil filtration process is finished.

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