KHZ5380XJC基本信息KHZ5380XJC basic information：

5380型环保高压洗井作业车坚持以“减量化、再利用、资源化”为原则，以提高资源利用效率为核心，促进资源利用由“资源产品废物”的线性模式向“资源产品废物再生资源”的循环模式转变，对井口反排液中油、水、砂进行分离，使水资源循环使用，尽可能少的资源消耗和环境成本，实现经济社会可持续发展。满足油田节约能源、绿色环保作业的要求。

5380 type environmental high pressure well-washing truck is based on the principle of Reduction, Re-use, Resource, its core is to improve efficiency of resource use, promote resource use from waster of resource products linear mode to renewable resource of resource products waster cycle mode, separate oil, water, sand from the wellhead flow back fluid, to recycle water resources, and minimize resource consumption and environmental cost, to achieve economic and social sustainable development, to satisfy demands of saving oilfield energy and green and environmental work.

洗井车主要参数Main parameter：

1、最大工作压力 Max working pressure：34.5MPa

2、冲砂液处理量Sand washing liquid handling capacity：30 m3/h

3、除 砂 率Sand removal rate： 99.8%

4、适用水质Adapted water quality：含油污水oil water（含油量oil content<5000mg/L、悬浮物suspended solids<5000mg/L）

5. 出口水质Outlet water quality：含油量oil content<8mg/L、悬浮物suspended solids<8mg/L

洗井车主要配置main configuration ：

北奔8×4底盘、STR-DZ-700分动箱、三缸柱塞泵、蓝式过滤器、旋流除砂器、斜板除油器、核桃壳过滤器、纤维球过滤器、水箱、废油箱、多功能处理罐、液路系统、电气系统、齿轮泵、管路系统。

North Benz chassis 8X4, STR-DZ-700 transfer case, triplex plunger pump, blue filter, cyclone desander, inclined plate degreaser, walnut shell filter, fiber ball filter, water tank, dirty oil tank, multi-function process tank, hydraulic system, electric and gas system, gear pump, pipeline system.

优势及创新点Advantages and innovations：

1. 斜板除油与气浮除油两种高新技术同时运用，增强除油效果。

Using high-tech inclined plate and gas flotation to remove oil to enhance degreasing effect.

1. 采用三相融合技术，快速絮凝，高效完成污水预处理，减少后续设备损坏几率；

Adopt three-phase fusion technology, flocculate fast, to finish dirty water pre-treatment efficiently, reduce the risk of damage to the subsequent equipment.

1. 应用高新叠螺设备，将混合液干化处理，便于资源再利用和转移。

Apply high-tech volute device to dry mixed fluid for re-use and transfer resource easily.

1. 采用自动化控制，操作方便、快捷。

Adopt automatic control, easy and fast for operation,

1. 有效解决设备操作完成后，斜板除油器及其他设备积液现象，节约资源，减少污染。

It can effectively solve phenomena of the incline plate degreaser and other devices effusion to save resource and reduce pollution.

1. 尾部装置可以调整为锅炉装置，能用于油井热洗。

Tail device can be adjusted to boiler unit for hot washing the well.

整车处理流程：

The whole truck work process:

井口出水---降压系统---篮式过滤器---旋流除砂器---斜板除油器---三相混合器---气浮罐---核桃壳过滤器---纤维球过滤器---清水箱---三缸泵---井口进水

叠螺干化后处理（加在气浮罐后面）

Wellhead outlet---depressurizing system---blue filter---cyclone desander---inclined plate degreaser---three-phase mixer---air flotation tank---walnut shell filter---fiber ball filter---water tank---triplex pump---wellhead inlet--treatment after volute drying(added behind the air flotation tank)