



**Sino-NSH Used Motor Oil  
Recycling Plant**

**Sino-NSH Oil Purifier Manufacture Co., Ltd**

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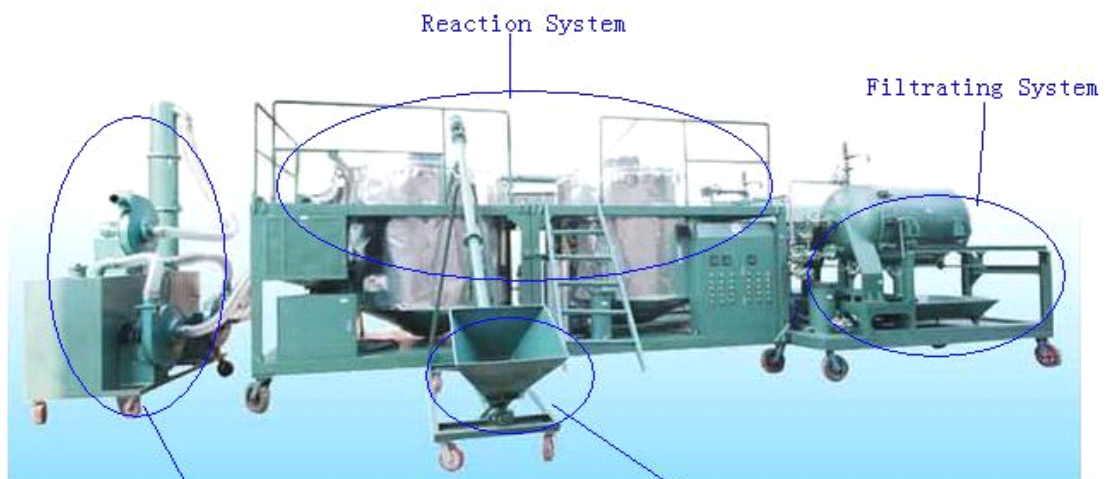
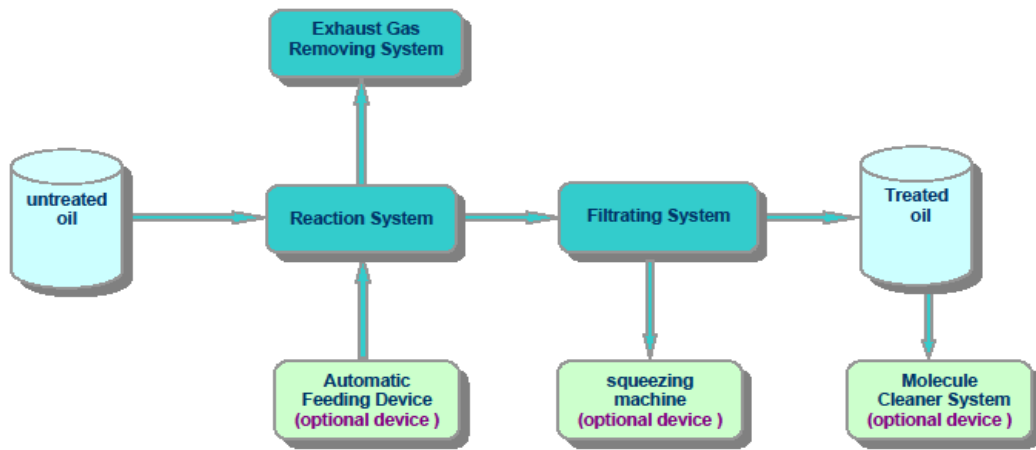


## **Sino-NSH Used Motor Oil Recycling Plant**

NSH GER is particularly suitable to regenerate used internal-combustion engine oil including diesel engine oil, gasoline engine oil and used hydraulic oil, other used machinery's lubrication oil. GER series are able to effectively remove colloid, oxid, acid, pitch, particles, impurities, water, gas in the used oil. Specially, GER can restore the color of used oil and remove the scent rapidly.

### **Edges**

- ◆ Two main filtering systems in the plant which can ensure the plant works continuously by batch. Special designs make plant small size, light weight and low noise.
- ◆ The filters in filtering systems are made of stainless steel. It can extend lifetime of filtering systems and make it unnecessary to be replaced regularly like tradition fabric or paper filters.
- ◆ Heat preservation material can keep heating quite efficient.
- ◆ Automatic reverse-washing system will extend the life time of filters and improve the performance of the filters. All above methods make the plant low maintenance and replacement expenses.
- ◆ No acid used during operation. Exhaust gas removing system can remove exhaust gas quickly and efficiently. Both of them make operation more environmentally friendly.
- ◆ High performance security system including pressure protection device and automatic temperature controller makes operation safely.
- ◆ Can redesign according to different needs of customers. We are able to provide service of Turn Key Project.



Exhaust Gas Removing System

Automatic Feeding Device



## Technical index

Test report of treatment of used CC40 diesel engine oil

Item	Unit	Theory index	Treated oil index
flow viscosity	100°C mm <sup>2</sup> /s	12.5-16.3	11.6
Flash point (open)	≥	220	232
Acid mgkoH/g	≤	2.0	0.04
Impurity %	≤	0.01	0.006
Water-solubility acid or alkali	/	/	no
viscosity index	≥	80	91
Pour point °C	≤	-10	-26
Sulfate ash	/	/	0.172

## Technical Specifications

Item	Unit	GER-1	GER-2	GER-3	GER-4	GER-5	GER Product Line
Treatment Capacity	L/8 -10hrs	2000	4000	6000	8000	10000	Above 10000
Regeneration Rate	%	70-90%					
Working Pressure	MPa	-0.095-0.4					
Temperature	°C	60°C-200°C					
Working Noise	dB(A)	≤90					
Heating Power	KW						
Inlet/Outlet Pipe Diameter	Mm	Φ42					
Weight	kg	6000	6700	7200	8000	8500	

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