

WWW.NSLOILCHEM.COM.SG

seeing the potential

REVOLUTIONIZING THE ENVIRO-INDUSTRY





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seeing the potential

We see the progression and change in our industry. We want to play our part in creating a viable society, for our future and our environment without compromising on our quality and service.



our mission

To be the leading integrated waste management company by providing outstanding and innovative waste management services as well as quality products to customers in the Asia Pacific region, through a customer-focused team comprising dedicated management, action-oriented employees, passionate partners and agents.

our strengths

- _01 Innovative Disposal, Recycling & Recovering Technologies
- _02 Hazardous Waste Incineration
- _03 Strong Environment Safety Health (ESH) Commitment
- _04 Comprehensive Collection Network (Land & Marine)
- _05 Convenient Waterfront Access
- _06 Dedicated 24 hrs Services All Year Round
- _07 Professional Expertise

With environmentally-friendly solutions for the industry, we lend a hand in shaping the future.



shaping the future

our products & services

NEA's Licensed Toxic Industrial Waste Collector

We are National Environment Agency (NEA)'s licensed toxic industrial waste collector. Operating a one-stop integrated waste recovery, treatment and disposal hub, we are supported by a full suite of logistics to collect and transport all types of industrial wastes.

Land & Marine Logistics

With a comprehensive fleet of slop and sludge barges, lorries and tank-trucks, we are well-positioned to provide our clients with the convenience of prompt and efficient services to meet the needs of both land and marine logistics.

Treatment/Recovery of Oily Slop & Sludge

A recognised Marpol Annex 1 reception centre, we are the market leader in treatment and recovery of oil from marine slop and sludge.

Re-refining of Used Lubricants

Advocating resource sustainability - Our used lubricants re-refining plant is the first in Singapore that extracts high quality base oil from used lubricating oils by our proprietary distillation technology.



Recovery of Solvents

Leveraging on our vast expertise in distillation technologies, we are able to recover a wide range of contaminated solvents.

Incineration Services

Operating a state-of-the-art incinerator system, we are the specialists in incinerating hazardous waste in a safe and environmentally-friendly manner.

Wastewater Treatment

We provide wastewater treatment and disposal services for acid/alkali, plating effluents and other industrial waste water.

Waste Management Consultancy

Our professional and dedicated consultants are able to value add by providing our clients with expert advice on waste management and disposal related matters.

Trading & Supply Services

As a leading distributor of petroleum products, our lubricants and greases are manufactured under stringent specifications and quality control. We are also the distributor for Singapore Petroleum Company Limited and Caltex lubricants. Our experienced staff provides professional advice and consultancy services on trouble shooting and product applications.

the company

NSL OilChem Group of Companies

NSL OilChem Group of Companies (NSL OilChem) comprises of NSL OilChem Services Pte Ltd (NOCS), Hup Eng Tat Enterprises Pte Ltd (HET) and NSL Environmental Services Pte Ltd (NSLE).

NSL OilChem Services Pte Ltd

NOCS is Singapore's first onshore plant for the treatment, recycling and disposal of oily sludge and slop. Established in 1998, NOCS has become the leading waste oil recycler in Singapore. Located on a waterfront land in Jurong, NOCS has the capability to receive waste oil, slop and sludge using its own wharf.

With an integrated system to control processes and services, the risks of mishandling wastes are minimized. NOCS is committed to meet and exceed the regulatory and environmental requirements of the Maritime and Port Authority of Singapore (MPA) and National Environment Agency (NEA).

Hup Eng Tat Enterprises Pte Ltd

With a 20 years track record in waste handling services and logistics service provider, HET is a veteran in this field. HET owns an extensive fleet which serves a wide range of customers from various industries in Singapore.

NSL Environmental Services Pte Ltd

NSLE is the incineration services arm of NOCS. Established in 2006, NSLE operates a state-of-the-art system to handle solids, slurry and liquid waste.

The plant facilities are able to handle wastes arising from the chemicals, electronics, pharmaceutical, life-sciences, manufacturing and general industries.

We believe that the key essential to our success is the quality and customised service we provide for our every client

NSL group

NATSTEEL LTD and its group of companies is a leading Industrial group in Asia Pacific in Singapore. The Group has three main businesses: Chemicals, Engineering and Construction Products. It has operations and joint ventures in 8 countries and is listed on the Singapore Exchange since 1964.

The Group is widely recognised as an extensive user of technology to provide innovation solutions to the industries. It partners eminent local industry and tertiary institutions to develop industrial best practices and leading technologies in its fields.



Collection, Maintenance & Disposal

NSL OilChem owns and operates a fleet of well-maintained ISO tankers, oil tank-trucks, vacuum tankers, hook-lifts, cranes and lorries for the collection, transportation and disposal of wastes.

Endowed with a large water-front land, equipped with a licensed hazardous waste treatment and disposal plant as well as a comprehensive range of marine and land transport, our clients can enjoy the convenience of a one-stop, integrated waste management and disposal centre.

As a toxic industrial waste collector licensed by the National Environmental Agency (NEA), our comprehensive fleet is able to collect and handle a wide range of wastes including contaminated and perished marine cargoes within port.

We are also equipped with slop tankers to carry out deslopping works within port limits and sludge barge for tank cleaning. As a one-stop service provider, we are also competent in other marine wastes supporting services.

Managing waste the effective way to protect
our environment

Our staff, which includes the drivers, workers and operators, undergoes thorough training and adhere to established work procedures and instructions. All operations are led and managed by professionally trained and experienced Supervisors who are committed to carrying out risk assessments, emergency response practices and safety briefings before the commencement of work. Such measures ensure that each operation is carried out in a smooth and safe manner.

We collect and treat:

- Used engine oil, hydraulic oil and other industrial and marine lubricants and greases.
- Oily slop and sludge
- Contaminated fuels, diesel, kerosene and other petroleum products
- Industrial solvents (halogenated and non-halogenated)
- Acids, alkali, plating and other industrial effluents
- Industrial waste water
- General industrial other chemical waste

Other services:

- Toxic waste incineration
- Temporary storage of oil and other petroleum products
- ISO tank rental
- Transportation and delivery services
- Storage tanks, oil interceptors, grease traps cleaning and maintenance
- Clearing of choked waste service pipelines



For more information, please visit
www.nsoilchem.com.sg



Recycling, Recovery & Regeneration

At NSL OilChem, our technology and research staff are constantly on the quest for exploring the most cost-effective and environmentally friendly solutions for the wastes that are collected.

Over the years, we have built up a strong network of contacts and collaborated with renowned research institutes, academic institutions, industrial practitioners and equipment suppliers which have allowed us to leverage on their vast experience and expertise.

We are into the enviro-business...

We dare to imagine, challenge and revolutionalise.

We constantly reinvent ourselves to create solutions to turn slops to fuels, find value in waste and do our part for preservation.



Slop Oil and Sludge Recovery

Ideally located at the mouth of Selat Samulun and endowed with water-front facilities, NSL OilChem is the largest on-shore marine slop oil and sludge reception and treatment centre in Singapore. Using one of the most advanced liquid separation technology, we are able to recover fuel from marine slops and sludge regardless of the oil content in the waste material.

Our modern in-house waste water treatment plant treats the water to meet regulatory standards before discharge. Sediments are disposed through our in-house incineration process.

Providing a one-stop integrated service, our marine customers can rely on us for quality services such as:

- de-slopping services by our dedicated licensed slop tankers at anchorage;
- transportation services for sludge by custom built sludge barge;
- proper and environmentally friendly treatment and disposal of the wastes; and
- provision of detailed records, documentations and certificates.

Trade-in and Storage of Fuel

We are equipped to provide fuel trade-in/exchange scheme and short-term storage facilities for vessels that intend to dock for maintenance and repair services.

For more information, please visit
www.nsloilchem.com.sg

At NSL OilChem, we provide solutions.

At NSL OilChem, possibilities become a reality.

Used Lubricating Oil Re-refining

We are the market leader for used lubricating oil re-refining. Operating the first and only used lubricating oil re-refining plant in Singapore, we have the capability to remove suspended as well as dissolved hazardous contents such as spent additives, heavy metals and solvents in used oil (engine oil, hydraulic oil, gear oil, compressor oil, turbine oil and many other used industrial oil) through a thermal chemical process.

With this proprietary technology, we are able to recover consistent and high quality base oil from the used lubricants. The regenerated base oil can be blended and fortified with fresh additives and be reused as a lubricant again.

Used Solvents Recovery

The process of liquid separation has always been a challenge especially when it is a highly volatile liquid such as solvents.

Having own and used the distillation units for recovery purposes, we at NSL OilChem have accumulated in-depth knowledge and experience in operating distillators. By batch process, we are competent in handling a wide range of solvents depending on the type of liquid, nature of contamination and degree of mixture.

We are also open to hearing your needs and to explore the provision of customised recovery process or equipment for the recovery of your specific solvent waste stream.



Incineration

NSL Environmental Services Pte Ltd specialises in the disposal of hazardous and toxic industrial wastes through incineration.

The plant facilities are equipped to handle wastes arising from the process/activities of chemicals, electronics, pharmaceutical, life-sciences, manufacturing, and general industries in a safe and environmentally-friendly manner in line with current Environmental Safety Health (ESH) trends.

State-of-the-art incineration technologies,
for the betterment of the environment





The incinerator plant is managed by a team of dedicated staff with more than ten years experience in this industry.



We operate a state-of-the-art incinerator system with the capability to handle solids, slurry and liquid wastes. The entire incinerator plant is controlled by an automated Programmable Logic Controller (PLC) which includes temperature controls, pressure controls, excess air controls, burner safeties, and alarms/alerts. A flue gas scrubbing and Continuous Emission Monitoring (CEM) system ensures that air emission from the plant stays well within regulatory limits.

Our leading age incinerator is also designed as a waste-to-energy plant as the heat from the combustion of chemical wastes is harnessed to convert water to steam. The steam generated is then utilised in our used oil recycling facilities or in a cogen plant. Electricity generated by the cogen is used to help power the incinerator plant. These efforts attest to NSL OilChem's commitment to promote an environmentally-friendly workplace.

For more information, please visit www.nsloilchem.com.sg



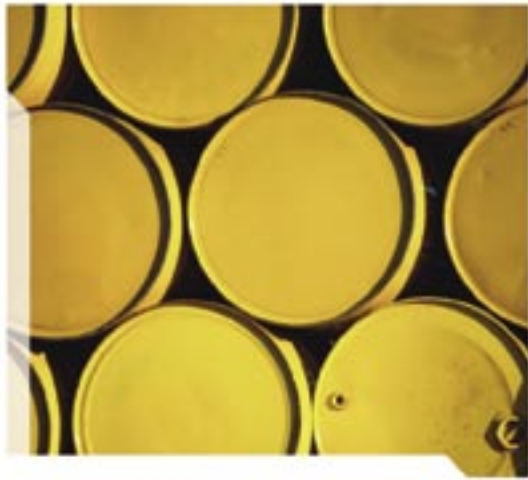
Trading

NSL OilChem is a leading distributor of petroleum products. We are the authorised distributor for Singapore Petroleum Company Limited (SPC) and Caltex lubricants.

The high quality lubricants and greases distributed are manufactured under stringent specifications and tight quality control. These lubricants and greases meet the international requirements of OEMs which include approvals from BMW, Mercedes Benz, Porsche and Volvo for use in their vehicles.

These lubricants and greases include automotive engine oils, motorcycle oils, industrial gear oils, marine engine oils, turbine oils and other specialties and greases.

The high quality lubricants and greases distributed are manufactured under stringent specifications and tight quality control.



If you need assistance on oil specifications, selection, application trouble shooting and other technical support, our Lubricants Engineers will be available for consultation.

Besides supplying general off the shelf lubricants, our lubricants specialists are able to formulate and blend to meet your specific requirements.

As a one-stop petroleum supplier, we are also a very established supplier of diesel, fuel and kerosene. Our services include installation and maintenance of storage tank.

We are committed to provide prompt and reliable delivery service island-wide and to marine anchorage.

For more information, please visit
www.nsloilchem.com.sg