About Us

ARSLAN ENGINERY, an EPC Company, the Principal firm is gamut of Institute, University Centers, Turn-Key Projects, Technology-Consultancy & Designing-Detailing of steel structure under one roof.

ARSLAN ENGINERY is the Division of Principal Firm. Founder & Promoters of ARSLAN ENGINERY’s has proven track records with 36 years of experience in the field of Technology & Consultancy and have registered its Global presence with quality services.

ARSLAN ENGINERY, a Mumbai, India based fast growing firm is renowned with its rich experience in Waste / Used Lube Oil Re-refining with related activities, Blending of Lube Oil to convert it to different grades of Automotive Engine Oil & Industrial Oil, Processing of Light Hydraulic Oil and De-odorized low aromatic White Spirit (Different grades). ARSLAN ENGINERY offer advanced, easy operative, most economical and highly profitable Technology and Expertise for above mentioned Processing.

All Technologies have invented & up-graded by ARSLAN ENGINERY and has adequate facilities to manufacture / supply customized Plants & Machineries that accurately fulfills customer requirements in the most Cost effective manner.

In addition, ARSLAN ENGINERY provides highly efficient, reliable and prompt post sales services to ensure smooth operations for years.

ARSLAN ENGINERY is association of a Team of Firms, Engineers, Professionals, Fabricators, Chemists, Operators & Technicians.

Services / Activities

Undertake entire work of setting up - 1; Waste / Used Lube Oil Re-refining with related activities, 2; Blending of Lube Oil to convert it to different grades of Automotive Engine Oil & Industrial Oil, 3; Processing of Light Hydraulic Oil and 4; De-odorized low aromatic White Spirit (Different grades) Project from concept to start of commercial production except Development of Land and any type of Civil Work on the Basis of

- Technology & Consultancy Services
- Turn-Key

Undertake the Management of entire Unit as Profit Sharing Partner to run the Unit as

ARSLAN ENGINERY Pvt.Ltd.
Profit Center. Undertake Up-grading of Existing Plants to optimize production to achieve maximum yield on Latest Process Technology.

**Scope of Services**
Provide comprehensive range of services from concept to commissioning, covering Process selection, Feasibility studies on the basis of the data supplied by the client, Basis design, Detailed Engineering and Quality Assurance.

**Process Engineering**

**Detailed Engineering**
- Development of Engineering Basis.
- Plot plan and General Arrangements of Drawings.
- Detailed Equipment lay out and Engineering Data Sheets.
- Design of Plant & Equipments.
- Platform & Structural drawings / details needed for plant.
- Details of Shop Electrics and Power supply.
- Details of Instrumentation and Automation.
- Coordination of the Total Engineering Activities.

**Project Management & Execution**
- Co-ordination with Tendering and Procurement services.
- Scrutiny and Evolution of Tenders.
- Planning and Scheduling Progress Review and Monitoring.
- Test running of Plant equipment and Machinery.
- Supervision of Fabrication of Plant & Equipment, Platform & Substructure of plant, Piping, Insulation, Electrical Installation & fittings and Installations.
- Supervision of Commissioning and Startup.

**Other Services**
- Training of customer’s staff to operate the plant.
- Providing Technical Team for on Site Job.

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### Products & by-products

<table>
<thead>
<tr>
<th>Activity</th>
<th>Products</th>
<th>By-Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waste Lube Oil Re-refining</td>
<td>Base Oil SN 150/ 300/ 500</td>
<td>Light Fuel Oil &amp; Asphalt Flux (Furnace Oil)</td>
</tr>
<tr>
<td>Blending of Lube Oil with Additives</td>
<td>Different Grades of Automotive Engine Oil &amp; Industrial Oil</td>
<td>---</td>
</tr>
<tr>
<td>Processing of Diesel</td>
<td>Light Hydraulic Oil</td>
<td>Light Fuel Oil like Kerosene Oil</td>
</tr>
<tr>
<td>Processing of Kerosene Oil</td>
<td>Different Grades of De- Odorized Low Aromatic White Spirit</td>
<td>---</td>
</tr>
</tbody>
</table>

---

ARSLAN ENGINEERING Pvt.Ltd.
Process Technology

All Technologies have Invented & Up-graded by Research – Technical Team of ARSLAN ENGINERY under supervision and guide lines of highly experienced & qualified Team of Engineers, Technicians & Professionals.

With the ever increasing awareness towards the clean & safe Environment, All Technologies are ECO Friendly eliminating NO Waste. There is NO application of Acid, Chemical or Bleaching Clay with such Technologies.

Waste Lube Oil Re-refining Process Technology has flexibility in Operation and Ideal for Used (containing high amount of Additives) Synthetic oil, Industrial oil or Marine oil.

**Process Technology for Waste Lube Oil Re-refining**

“Non acid, non chemical & non clay based total distillation under high vacuum & moderate temperature with solvent treatment followed by centrifuging”.

**Type**
Combination of batch & continuous run with semi automation

**Technology Code No ARS002**
Heating: Direct / Indirect (Option open)

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**Process Technology for Diesel Processing to Produce Light Hydraulic Oil & Light Fuel Oil**

Heating: Direct / Indirect (Option open)

“Non acid, non chemical & non clay based fractional distillation under mild vacuum & moderate temperature followed by filtration”.

**Type**
Batch in continuous run with semi automation

**Technology Code No ARS003**
Heating: Direct/ Indirect (Option open)

---

**Process Technology for Kerosene Processing to Produce De-Odorized Low Aromatic White Spirit**

“Non acid, non chemical & non clay based fractional distillation under mild vacuum & moderate temperature followed by steam stripping & centrifuging”

**Type**
Batch in continuous run with semi automation

**Technology Code No ARS004**
Heating: Indirect

---

### Mass Balance

<table>
<thead>
<tr>
<th>IN</th>
<th>OUT</th>
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<tbody>
<tr>
<td>Waste Oil</td>
<td>100.0</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>0.2</td>
</tr>
<tr>
<td>Water</td>
<td>3.0</td>
</tr>
<tr>
<td>Water</td>
<td>3.0</td>
</tr>
<tr>
<td></td>
<td>Total 103.2</td>
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<tr>
<td>Base Oil</td>
<td>75.0</td>
</tr>
<tr>
<td>Fuel By product</td>
<td>7.0</td>
</tr>
<tr>
<td>Waste water</td>
<td>8.0</td>
</tr>
<tr>
<td>Residue</td>
<td>13.0</td>
</tr>
<tr>
<td>Off-gas</td>
<td>0.2</td>
</tr>
<tr>
<td></td>
<td>Total 103.2</td>
</tr>
</tbody>
</table>

### Consumables for processing 1m3 (1000 liters) of used / waste oil

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricity</td>
<td>kWh</td>
<td>90.0</td>
</tr>
<tr>
<td>Fuel</td>
<td>kcal</td>
<td>180000.0</td>
</tr>
<tr>
<td>Water (including cooling)</td>
<td>liter</td>
<td>700.0</td>
</tr>
<tr>
<td>Catalyst</td>
<td>kg</td>
<td>0.2</td>
</tr>
</tbody>
</table>

ARSLAN ENGINERY Pvt.Ltd.
Idea Behind Invention

Some Conventional Technologies based on batch Process have already become outdated but some Environmental friendly Continuous type established Technologies are available in world market. But these Technologies are out of the reach of some entrepreneur due to having some Drawbacks:

- Very complicated.
- Huge Capital Investment.
- Big land and building.
- More repairing and maintenance due to big inventory
- Low Yield of Finished Product
- Very High Royalty and Consultancy fee

Therefore, Arslan Enginery has decided to overcome all these drawbacks with the invention of their In-House ECO Friendly Batch Type Semi Automatic, Most economical, Easy operative; Compact Process Technologies, especially meant for small/medium-scale entrepreneur.

**Average Material Balance for Technology Code No ARS002**

<table>
<thead>
<tr>
<th>Resultant</th>
<th>Average% age for SN 150</th>
<th>Average% age for SN 300</th>
<th>Average% age for SN 500</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base Oil</td>
<td>75+</td>
<td>70+</td>
<td>68+</td>
<td>Saleable</td>
</tr>
<tr>
<td>Light Fuel Oil</td>
<td>7</td>
<td>12</td>
<td>14</td>
<td>Self use within the furnace/ thermic heating system as fuel</td>
</tr>
<tr>
<td>Residue (Fuel Oil)</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>Saleable as Furnace Oil to Cement Industries etc.</td>
</tr>
<tr>
<td>Water</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>Re-use as make-up water</td>
</tr>
<tr>
<td>Waste Lube Oil</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>

**Process Steps of Technology Code No ARS003**

1. "Preheating of Diesel" under vacuum and mild temperature by Heat Exchanging.
2. "Fractional Distillation Diesel" under mild vacuum & temperature to separate three various Cuts of White Spirit.
3. "Cooling & Centrifuging" of processed Light Hydraulic Oil.
4. "Storage" of Light Hydraulic Oil.

**Process Steps of Technology Code No ARS003**

1. "Fractional Distillation Kerosene" under mild vacuum & temperature to separate three various Cuts of White Spirit.
4. "Cooling of Left Over Kerosene".

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ARSLAN ENGINERY Pvt.Ltd.
Environment Aspects
The Processes & Systems designed by Arslan Enginery are completely safe, meets and comply the Environment parameters stipulated by Authorities concern.

Such Technologies shall create no pollution in Air, Water and on Soil. There is provision for ‘Effluent Treatment Plant’ to make complete Environment Friendly atmosphere.

Close Loop
Close Loop from Engine to Re-refining and back to the Engine. Used Oil drained from Engine to Collection to Re-refining to Neutral Base Oil to Blended Lube to Lube Oil added to Engine to Used Oil drained from Engine.

On Time Completion Management
Arslan Enginery is committed for the timely completion of the project considering its importance.

Clients
Our Clients have widely appreciated our quest for excellence by establishing long term relation, which speaks about our level of commitment in satisfying our customers.

- More than 20 units in various parts of India.
- 03 units in Nepal.
- 12 units in Arab.
- 03 units under Project in Arab.

Why us
Some are the real truths that distinguishes us from other-
- Years of Experience
- Quality services
- Customer focused approach
- Excellent after sale service
- Competitive low pricing
- Timely delivery and fruitful monitoring and execution of project

Equipment & Machinery under supply of Arslan
- Holding Tanks & Over-Head Tanks
- Flow Meters
- Process Still & Towers, Heat Exchangers, Receivers, Sumps & Cyclone Separators
- Very High Vacuum Systems
- High Vacuum Pumps
- High Temperature Thermic Heating Systems complete with Circulation Pumps & Expansion Tanks etc as Heating Media
- High Temperature Transfer Pumps with mechanical
 seal • Wiped Film Evaporator with Internal - External Condensers & Receivers • Solvent Treatment Unit • Centrifuges (Clarifier) • Very High Speed Centrifuges (Purifier) • Transfer Pumps • Water Pumps, Water Cooling Towers & Chiller • Environment Treatment Plant • Electrical Panel Board for above mentioned Plant-Machinery • Electrical Cables, Cable trays and Fittings needed for Electrical Power Plant – Machinery Connections. • Instrumentation Panel etc • Thermal Insulation as needed • Pre fabricated System Sub- Structures, Platforms, Staircases • Pre fabricated System Pipe line with Valves & Fittings • Chimneys & Flue Pipes

Preparation of Plant- Machinery Details & Drawings under scope of offer
• Plant- Machinery Detailed List with Capacity respectively • Engineering Data Sheets for complete Plant- Machinery • Details about Utilities (Electrical Power & Water) • Details about Instrumentation and Thermal Insulation. • Process Flow with Block Diagram • Plant Lay-Out Plan. • Bunch of Drawings of Pre-fabricated Platform & Pipe line & Water Cooling Tower Basins • Plan & Side Views of Factory Shed 9. Drawings for Holding Tanks/ Storage Tanks10. Justification for Environment Friendly Process

The system shall have all the stand by pumps. There will be flow control, level control and temperature control as a standard supply in the plant.

Delivery period The machine will be ready in 24 – 30 weeks from the receipt of a signed agreement along with the down-payment. The material shall be supplied in part and the work on the site can be started simultaneously.

Generation of Used (Lubricationg) Oil

ENGINEERING SERVICES

BEP We will complete the basic design and present the “Basic Engineering Package” (BEP) for subsequent “Detailed Engineering” (DE). The BEP will consist of minimum of the following

Documents for the Process Plant
• Process Flow Diagrams • Piping and Instrumentation Diagrams • Preliminary Plot Plan • Piping, and Insulation specifications • Laboratory test specifications

Detailed Engineering (DE) The DE phase consists of work in Process, Mechanical, Piping, Civil, Structural, Electrical, Instrumentation and Controls disciplines. The DE phase essentially produces a number of documents for subsequent procurement, construction and commissioning of the Plant.

DE documents consist of:
• General Arrangement Drawings for fabricated equipment. • Piping plans and Isometrics • Piping Bill of Material (BOM) • Overall and unit plot plans • Structural Design Drawings and preliminary Bill of Quantities (BOQ) • Electrical layouts, motor lists, bill of quantities for bulk items • Cable and cable-tray specifications and quantities • Detailed Insulation specifications • Operating Manual and Maintenance Data books.
Terms & conditions of sale

Order confirmation: All order will be confirmed only after receipt of your acceptance and advance payment. Specification, etc: specifications, dimensions, designs descriptions, shades of paints, etc., are not binding on us in minute details and are subject to reasonable alternations without notice.

Erection: All the civil engineering work viz, water tank, buildings foundation etc; electrical panel board and wiring with all the accessories and earth works are to be done by the purchaser at his own cost as per our specifications and drawings. All the steel structure, Pipe and pipe fittings along with the flanges, gaskets etc required for the erection of the plant shall be supplied by the purchaser. We shall bear the cost of one supervisor and Lodging, boarding and fooding with to and fro airfare and local transport for supervisor will be arranged by the purchaser during the installation of the plant machinery. The client shall provide all other skilled and unskilled labour required for the easy and early completion of the commissioning at the site to his own cost to us. The client shall also provide Lodging, boarding and fooding with to and fro airfare and local transport for any other skilled labour required for the project from India like for the commissioning of thermic fluid heaters, vacuum system etc. We can arrange a team of welders, fitters, insulation people at an extra cost if the client requires the same. A set of maintenance tools, electrical connection, welding sets, welding rods, oxygen and LPG cylinders to be provided by the purchaser at the site during erection and commissioning of the plant. Thermic fluid and the lubricating oil / Greases for the gear boxes and other machinery to be arranged by the purchaser as per the specifications given by us.

All the skilled labour / equipments for the erection, painters etc. to be arranged by the purchaser and the cost shall be borne by the purchaser.

The client would arrange all the utilities and infrastructure, including storage tanks to operate system. The electrical panels has to be supplied by the client with the allied wiring etc. to be done by the client.

Inspection: The client or a company representative are welcome and encouraged to inspect the completed system prior to shipment or during the fabrication. That way all questions can be answered and any last minute changes made prior to the system leaving our site.

Delivery: Deliver will be Ex- Mumbai, India. The machinery will be dispatched in 2 to 3 lots at our option.

Force majeure: The offer is subject to force major by which it means causes such as war, invasion, civil disobedience, government orders or restrictions, strike, lock-outs, riots, fires, epidemics, sabotages, trade embargoes, earthquakes, floods, accidents, breakdown of machinery, delay or inability to obtain labour, raw materials wagons. Shipping space or any other causes whatsoever beyond our reasonable control. Affecting us or our sub contractors, suppliers, etc.

Warranty: Our machines are warranted against manufactured material defect for a period of 12 months from the date of commissioning or 18 months from date of shipment whichever is earlier. Warranty is not, however, applicable for normal wear and tear during operation. Seals and bearings will carry a sixty day warranty only, unless specified otherwise by the manufacturer. We shall be supplying one set of blades as spares for the plant.

Project Profile

Re-refining of used lubricating oil based on Wiped Film Evaporation under High vacuum, 2000 Lts Per Hour Oil Recovery System without Clay treatment.

This unit is designed to separate water and aromatics and diesel from the feed in two vacuum flash distillation unit, and two cut of oil product from the solids and asphaltene in two High Vacuum wiped film evaporator. This unit is sized to process waste oil at 2000 Lts per hour of feed. This may vary some what depending on the specific characteristics of the particular waste oil being processed. The primary oil recovery system will consist of three separate sections. The first section will contain the flash distillation units, the second section will include the wiped film evaporators. The various steps involved in the process are given below. Dirty feed oil will be pumped by the feed pump from the used oil intermediate storage into distillation unit where the water diesel will flash off. This water and diesel vapor will condense in the condenser, and drop
into the receiver from where the water and diesel will be sent to storage by the distillate pumps. The residue from the above section (i.e. the dehydrated oil and degassed oil) will be pumped continuously into the next section.

The oil from the last section will be sent through a pre-heater, which will be hot oil heated and temperature controlled, into the wiped film evaporator where the lube cut will vaporize. The oil vapor will pass through internal entrainment separator, condense on the internal condenser, and then enter the lube product receiver, from where both lube cut will be pumped to a storage tank. The Asphaltenes and solids will flow down the inside of the thin film evaporator and exit the bottom. The Asphaltene and solids will flow by gravity to the residual pump which will pump this to Asphalt storage. The reboiler and the thin film evaporator will have hot oil circulating on the shell side, and will be temperature controlled.

A deep vacuum will be maintained in the thin film evaporator. Heat to the wiped film evaporators will be supplied by a hot oil boiler with high temperature thermal oil. Cooling to the light ends condenser and the lube condensers will be supplied by cooling water from an evaporative cooling tower. The system will be manually operated control system via local temperature, pressure, level, and flow indicators and control valve once it is started up and stabilized. The solvent from the solvent storage tank and the distilled oil from the semi finished oil storage tanks are fed to a sequence of heat exchangers in a predetermined ratio where the oil and the solvent are heated and pumped into the Extraction Column. Oil from the bottom and the solvent from the top. The raffinate phase is the oil free of all the aromatics and with some amount of solvent. The raffinate is passed through a distillation column running under vacuum, the distilled solvent is sent to the solvent recycle storage tank and the bottoms of this column. The raffinate is cooled and transferred to finished oil storage tank.

The extract phase consists of solvent and aromatics, leaving the bottoms of the extraction column. This mixture is fed to distillation extract column and then all the solvent is distilled off under vacuum. The top material of the column is fed back to the recycled solvent storage tank to be used again in the process. The extract is used as a fuel.

The vacuum will be maintained in the vacuum distillation columns with the help of mechanical pumps. The heat will be supplied by thermic fluid heaters. The system will be operated local controlled temperature, pressure, level, interface and flow controllers indicators and valve once it is started up and stabilized.

**Major Highlights Of The Process**

- This process eliminates the use of Sulfuric acid and generates no acid sludge, which has disposal problems due to the tough anti-pollution regulations.
- The process eliminates the usage of bleaching clay.
- The process, maximizes the salable products to 63%-70%, of the feed waste oil (for a typical waste lube oil from middle east, containing 6%-10% water, 4-8% gas oil and 4-6% process loss) The recoveries are at least 10%-12% higher than the figures in the case of Acid–Clay technology. The high yield in the process is due to the processing of the waste oil in high vacuum wiped film evaporator plant.

**Environmental Impact**

- There will be 20 Kg / hr of off gases from the exhaust of the vacuum pump which will be injected into a specially designed scrubber which will ensure that any volatile organic compounds will be absorbed and the plant has no odour around it.

ARSLAN ENGINEERING Pvt.Ltd.
• Residual solids will stay in the evaporator bottoms, which will be sold as a #6 industrial boiler fuel or asphalt extender.

**Extract:** This can be used as fuel in the plant or can be sold outside as a fuel or base oil for sodium based grease manufacturing.

• The water, if any in the original waste oil (in Saudi waste oil, water of 4% - 6% is expected) is taken to a specially designed distillation system. All the water will be distilled off and the remaining residue will be mixed with Asphalt residue coming from the distillation plant. The water thus recovered will be used for watering the trees and plants in the factory premises.

**Addendum A**

**POWER & UTILITY REQUIREMENTS FOR BASIC 2000 LPH OIL RECYCLING SYSTEM**

**Electricity:** The electric motors for the system will require: Tentatively 1000 HP of connected power as 3 phase 440/380 V current or similar. However, the actual electrical load can only be ascertained after detail engineering.

**Process Heat:** The system will require one 25,00,000 Kcal / hr of heat as thermic fluid rated for 300 °C and one 6,00,000 Kcal / hr of heat as thermic fluid rated for 350 °C distill lubes and one 40,00,000 Kcal / hr of heat as thermic fluid rated for 350°C maximum for Solvent extraction.

**Cooling Water:** The system will require 50 tons of cooling water at 30 °C.

**Typical Recovery from the system would be as follows**

- Water: 4-6 %
- Gas oil: 6-10%
- SN 70: 5 – 12%
- SN 300/350: 45 – 60 %
- Residue: 12 – 18 %
- Extract: 4 - 8 %

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Material balance & block flow diagram for re-refining of used Lubricating oil based on vacuum distillation cum solvent extraction

ARSLAN ENGINEERING Pvt.Ltd.
Wiped Film Evaporator (WFE)

Arslan Enginery is ASME patent manufacturer of Wiped Film Evaporator (WFE) in Mumbai, INDIA.

Wiped Film Evaporator is important equipment required in Re-refining process of waste and used oil process.

By installing WFE in the recycling project there is no requirement of Clay or any harmful or hazard chemical, WFE support eco friendly and also raise the capacity and quality of output feed from 10 – 30%

We had manufacturer and supplied number of WFE word wide ongoing project in gulf. WFE play an important role in recycling of used or waste oil it make the process smooth n hurdle free. WFE is basically consist of Heavy HP motor, SS rotter Blades, inbuilt Condenser with SS tubes.

All through this equipment is very compact n give optimize feed result below.

Specific Gravity @15 °C : 0.89
Viscosity @ 40 °C : 80- 95 Cst
Viscosity @ 100 °C : 10.5 Cst
Color : 2.5 -3.5
Flash Point : 240 °C min
Metal Contents : 5 ppm max.

The size we manufacturer are 1 m² to 50 m² with feed rate of 100 LPH –7000 LPH.

For process info visits – http://arslanenginery.com/used-oil-recycling/

Technical Specifications BASE OIL 300 / 350

<table>
<thead>
<tr>
<th>#</th>
<th>Parameters</th>
<th>ASTM</th>
<th>Unit</th>
<th>Specs.</th>
<th>Observed</th>
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<tr>
<td>1</td>
<td>Color</td>
<td>D-1500</td>
<td>-</td>
<td>≤ 2</td>
<td>L2</td>
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<tr>
<td>2</td>
<td>Density@ 25 °C</td>
<td>D-1298</td>
<td>Kg/m³</td>
<td>879-885</td>
<td>870</td>
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<tr>
<td>3</td>
<td>Appearance</td>
<td>Visual</td>
<td>-</td>
<td>C &amp; B</td>
<td>C &amp; B</td>
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<tr>
<td>4</td>
<td>Kinematic Viscosity at 40°C</td>
<td>D-445</td>
<td>cSt</td>
<td>70-90</td>
<td>68</td>
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<tr>
<td>5</td>
<td>Kinematic Viscosity at 100°C</td>
<td>445</td>
<td>cSt</td>
<td>6.5 – 9.5</td>
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<td>6</td>
<td>Viscosity Index</td>
<td>D-2270</td>
<td>-</td>
<td>≥ 90</td>
<td>95</td>
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<tr>
<td>7</td>
<td>Flash Point</td>
<td>D-92</td>
<td>°C</td>
<td>≥ 210</td>
<td>216</td>
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<td>8</td>
<td>Pour Point</td>
<td>D-97</td>
<td>°C</td>
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<tr>
<td>9</td>
<td>Conradson Carbon Residue</td>
<td>D-189</td>
<td>%M</td>
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<td>10</td>
<td>Neutralization #</td>
<td>D-974</td>
<td>mg KOH/g</td>
<td>≤ 0.05</td>
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<td>11</td>
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<td>12</td>
<td>Sulfur Content</td>
<td>D-3246</td>
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Please note that the test not conducted have been marked as

ARSLAN ENGINERY Pvt.Ltd.
arslanenginery.com/wiped-film-evaporator
Company Relevant Info FACTSHEET

Organization Found 2012

Incorporation Certificate Number U52390UP2014PTC061739
Export Import License Number 0315008962
Company TAX Number AAMCA3403A
Number of Fabrication Factory 3 (Mumbai and Pune)
International Sales Office 2 (Houston & Abu Dhabi)
Total Number of Employs 150 – 200

Indian Government Link to Validate - www.mca.gov.in & www.dgft.gov.in

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