SAFETY DATA SHEET
Seria Fuel Pump Test Oil

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name: Seria Fuel Pump Test Oil
Product number: 7552
Internal identification: GHS21599

1.2. Relevant identified uses of the substance or mixture and uses advised against
Uses advised against: Non specified unless otherwise stated within this MSDS

1.3. Details of the supplier of the safety data sheet
Supplier: Morris Lubricants
Castle Foregate
Shrewsbury
SY1 2EL

08.45 - 17.00 GMT
T: (+44)(0)1743 232200
F: (+44)(0)1743 353584
sds@morris-lubricants.co.uk

1.4. Emergency telephone number
Emergency telephone: +44 (0)1743 232200 (08.45 - 17.00 hrs GMT)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards: Not Classified
Health hazards: Asp. Tox. 1 - H304
Environmental hazards: Not Classified

Classification (67/548/EEC or 1999/45/EC)

2.2. Label elements
Pictogram

Signal word: Danger
Hazard statements: H304 May be fatal if swallowed and enters airways.
Seria Fuel Pump Test Oil

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501a Dispose of contents/container to hazardous or special waste collection point.

Contains

White Mineral Oil, Lubricating Oil (Petroleum) C15-30 hydrotreated neutral oil-based

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>White Mineral Oil</th>
<th>60-100%</th>
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<tbody>
<tr>
<td>CAS number: 92062-35-6</td>
<td>EC number: 295-550-3</td>
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<td>REACH registration number: 01-2119487078-27-XXXX</td>
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<table>
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<tr>
<th>Classification</th>
<th>Asp. Tox. 1 - H304</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Lubricating Oil (Petroleum) C15-30 hydrotreated neutral oil-based</th>
<th>30-60%</th>
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<tbody>
<tr>
<td>CAS number: 72623-86-0</td>
<td>EC number: 276-737-9</td>
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<tr>
<td>REACH registration number: 01-2119474878-16-XXXX</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Classification</th>
<th>Classification (67/548/EEC or 1999/45/EC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asp. Tox. 1 - H304</td>
<td>Xn;R65.</td>
</tr>
</tbody>
</table>

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Get medical attention if any discomfort continues.

Inhalation

If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Get medical attention if any discomfort continues. Do not induce vomiting.

Skin contact

Remove contaminated clothing immediately and wash skin with soap and water.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

4.2. Most important symptoms and effects, both acute and delayed

General information

If aspiration into the lungs is suspected, eg when vomitting, admit to hospital immediately.

Inhalation

Upper respiratory irritation.

Ingestion

May cause discomfort if swallowed. The product contains mineral oil, which if aspirated into the lungs through vomitting after ingestion, may result in chemical pneumonia.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritation of eyes and mucous membranes.
Seria Fuel Pump Test Oil

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor: Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Heat from fire could result in drums bursting.

Hazardous combustion products: Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³. Oxides of carbon. Oxides of nitrogen. Fire may also create other unidentified organic gases some of which may be toxic.

5.3. Advice for firefighters

Protective actions during firefighting: Control run-off water by containing and keeping it out of sewers and watercourses.

Special protective equipment for firefighters: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions: Contain spillage with sand or earth. Avoid the spillage or runoff entering drains, sewers or watercourses. The product is insoluble in water and will spread on the water surface.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Contain spillage with sand or earth. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor. Avoid water contacting spilled material or leaking containers. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body. In case of spillage on water prevent the spread by use of suitable barrier equipment.

6.4. Reference to other sections

Reference to other sections: For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions: Avoid spilling. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

Advice on general occupational hygiene: Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities
Seria Fuel Pump Test Oil

Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Storage class
Miscellaneous hazardous material storage.

7.3. Specific end use(s)
Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

White Mineral Oil
Long-term exposure limit (8-hour TWA): WEL 5 mg/m³  mist

Lubricating Oil (Petroleum) C15-30 hydrotreated neutral oil-based
Long-term exposure limit (8-hour TWA): ACGIH 5 mg/m³

WEL = Workplace Exposure Limit
ACGIH = American Conference of Governmental Industrial Hygienists.

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection
The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Other skin and body protection
Use barrier creams to prevent skin contact.

Hygiene measures
Use engineering controls to reduce air contamination to permissible exposure level. Wash promptly with soap and water if skin becomes contaminated.

Respiratory protection
No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

Thermal hazards
Not anticipated under normal conditions of use. The product is combustible if heated excessively and an ignition source is applied.

Environmental exposure controls
Do not allow product to contaminate land.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Liquid.

Colour
Green.

Odour
Characteristic. Oil-like.
Seria Fuel Pump Test Oil

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour threshold</td>
<td>Not determined.</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Melting point</td>
<td>-25°C</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>&gt;320°C @ 101.3 kPa</td>
</tr>
<tr>
<td>Flash point</td>
<td>126°C PMCC (Pensky-Martens closed cup).</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not known.</td>
</tr>
<tr>
<td>Other flammability</td>
<td>Product is not flammable but on excessive heating may become combustible.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>&lt;0.1 kPa @ 20°C</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.840 @ 15.6°C</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble in water. Soluble in the following materials: Organic solvents.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>5 cSt @ 40°C</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Explosive under the influence of a flame</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.</td>
</tr>
<tr>
<td>9.2. Other information</td>
<td></td>
</tr>
<tr>
<td>Volatile organic compound</td>
<td>The product is a complex mixture, the majority of which would not be classed as a VOC. However it cannot be discounted that trace or low levels of VOC's may be present.</td>
</tr>
</tbody>
</table>

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity**

There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

**Stability**

Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions**

Unlikely to occur under normal conditions of use. Unlikely to occur.

#### 10.4. Conditions to avoid

**Conditions to avoid**

Avoid heat, flames and other sources of ignition.

#### 10.5. Incompatible materials

**Materials to avoid**

Strong oxidising agents.

#### 10.6. Hazardous decomposition products
Seria Fuel Pump Test Oil

Hazardous decomposition products
Oxides of carbon. Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m³.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral
Notes (oral LD₅₀)
Not expected to be highly toxic based on information of ingredients.

Acute toxicity - dermal
Notes (dermal LD₅₀)
Not expected to be highly toxic based on information of ingredients.

Acute toxicity - inhalation
Notes (inhalation LC₅₀)
Not determined. The product is unlikely to present any significant inhalation hazard at ambient temperatures and under normal conditions of use.

Serious eye damage/irritation
May cause mild, short lasting discomfort to eyes.

Respiratory sensitisation
No evidence to suggest the product will be a respiratory sensitiser. Repeated exposure to oil mists may cause respiratory damage.

Skin sensitisation
Not expected to be a skin sensitizer based on information on components.

Reproductive toxicity
Reproductive toxicity - fertility
No data available to suggest the product will cause reproductive toxicity.

Aspiration hazard
Aspiration hazard
Kinematic viscosity <= 20.5 cSt @ 40 C. The product contains mineral oil. If aspirated into the lungs e.g. through vomiting after ingestion admit to hospital immediately. Product may be considered an aspiration hazard under CLP regulations. Poses an aspiration hazard.

General information
This product has low toxicity. Only large quantities are likely to have adverse effects on human health.

Inhalation
Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.

Ingestion
No harmful effects expected from quantities likely to be ingested by accident.

Skin contact
Skin irritation should not occur when used as recommended. Repeated exposure may cause skin dryness or cracking.

Eye contact
May cause temporary eye irritation.

Acute and chronic health hazards
Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

SECTION 12: Ecological Information

Ecotoxicity
The product is not expected to be hazardous to the environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability
The product is not classed as being readily biodegradable by OECD test methods but is considered inherently biodegradable.
Seria Fuel Pump Test Oil

Stability (hydrolysis) The product is based on highly refined mineral oils that are considered stable to hydrolysis.

Biodegradation The product is not considered readily biodegradable, albeit the major constituents are expected to ultimately biodegrade.

Biological oxygen demand Not determined.

Chemical oxygen demand Not determined.

12.3. Bioaccumulative potential
Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.
Partition coefficient Not determined.

12.4. Mobility in soil
Mobility The product is non-volatile. The product is insoluble in water and will spread on the water surface.

Henry's law constant Not determined.

12.5. Results of PBT and vPvB assessment
Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects
Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
Not applicable.

14.2. UN proper shipping name
Not applicable.

14.3. Transport hazard class(es)
No transport warning sign required.

14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user
Not applicable.
Seria Fuel Pump Test Oil

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations
Health and Safety at Work etc. Act 1974 (as amended).
Special Waste regulations 1996.
Control of Pollution (Oil Storage) (England) Regulations 2001

EU legislation
Dangerous Preparations Directive 1999/45/EC.
Dangerous Substances Directive 67/548/EEC.

Guidance
Workplace Exposure Limits EH40.
Safety Data Sheets for Substances and Preparations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories
EU - EINECS/ELINCS
All the ingredients are listed or exempt.

Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA
All the ingredients are listed or exempt.

Korea - KECI
All the ingredients are listed or exempt.

China - IECSC
All the ingredients are listed or exempt.

Philippines – PICCS
All the ingredients are listed or exempt.

New Zealand - NZIOC
All the ingredients are listed or exempt.

SECTION 16: Other information

Revision comments
NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued by
Regulatory Affairs
## Seria Fuel Pump Test Oil

<table>
<thead>
<tr>
<th><strong>Revision date</strong></th>
<th>15/10/2015</th>
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<tbody>
<tr>
<td><strong>Revision</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>SDS number</strong></td>
<td>21599</td>
</tr>
<tr>
<td><strong>Risk phrases in full</strong></td>
<td>Not classified.</td>
</tr>
<tr>
<td><strong>Hazard statements in full</strong></td>
<td>H304 May be fatal if swallowed and enters airways.</td>
</tr>
</tbody>
</table>

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.