

# Mobil™ Solvancer®

High-performance oil-soluble cleaner for gas or steam turbines, compressors and hydraulic systems to improve reliability and reduce overall cost of operation

Mobil™ Solvancer® is a cost-effective, oil-soluble cleaner that can be added to in-service oils to quickly dissolve varnish and organic deposits from within gas or steam turbines, compressors, and hydraulic systems, ultimately helping to improve reliability and reduce overall cost of operation. Specifically, the product helps address issues such as escalating bearing temperatures and avoid issues such as re-adhesion, transfer of deposits, filter plugging, oil line flow blockage and more.

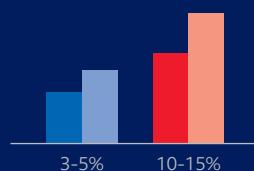
Designed for operators in the power generation and petrochemical industries, Mobil Solvancer supports oil conversions, alleviates operational issues due to varnish, and helps with oil life extension. In addition to helping improve equipment reliability, it can help operators reach extended overhaul-to-overhaul goals and help reduce total cost of ownership.

Mobil Solvancer is a customized oil soluble cleaner developed by Fluitec® using their proven DECON™ technology.

The oil-soluble cleaner is gentle on systems and compatible with lubricants and hydraulic oils formulated with API group I to IV base stocks with no adverse impact on in-service oil or additive performance. Mobil Solvancer also offers one of the industry's lowest\* treat rate — 3-5% compared to the average treat rate of 10-15% — and extended protection of more than one year, exceeding the performance of many competitive products.

3-5%

...one of the industry's lowest\* treat rates— 3-5% compared to the average treat rate of 10-15%.



\*Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

## Applications

Mobil Solvancer is recommended by ExxonMobil for use in the following applications:\*\*

- Turbines (excluding aero derivatives)
- Compressors
- Hydraulic systems
- Gear boxes
- Paper machines
- Heat transfer

Use of Mobil Solvancer does not require systems to be taken offline in many cases such as when used to eliminate minor\*\*\* deposits or in support of oil life extensions.



Turbines



Compressors



Hydraulic systems



Gear boxes



Paper machines



Heat transfer

\*\*Subject to viscosity limits.

\*\*\*As determined by oil analysis and sampling results.

Mobil™

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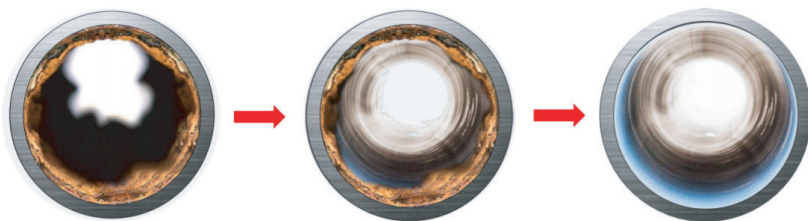
# Mobil™ Solvancer®

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Features	Potential Benefits
Works quickly to dissolve varnish, carbon and sludge from circulating lubrication systems, bearings, hydraulic systems, etc.; resists deposit re-adhesion when cooled	<ul style="list-style-type: none"> <li>Improves equipment reliability</li> <li>Enables conversions</li> <li>Helps with elevated bearing temperature troubleshooting</li> <li>Supports oil life extension</li> <li>Helps reduce operating costs</li> </ul>
Low treat rate of 3-5%, compared to 10-15% for most competitive products	<ul style="list-style-type: none"> <li>May provide cost effective alternatives to costly flushing and system cleaning</li> <li>Elimination of flushing, less product needed to deliver the same performance</li> </ul>
Extended protection of up to one year, exceeding the longevity of most competitive products	<ul style="list-style-type: none"> <li>Helps operators achieve extended overhaul-to-overhaul goals</li> <li>Does not require system flushing after use</li> <li>Can be used safely for extended use with no adverse effects to in-service oils</li> <li>Affords operator improved flexibility</li> </ul>
Compatible with lubricants and hydraulic oils formulated with API group I to IV base stocks	<ul style="list-style-type: none"> <li>Does not adversely impact lubricant performance including oxidation stability, anti-wear, gear loading, demulsibility, foam and air release</li> <li>Does not adversely impact testing on OEM and/or Industry specifications/approvals</li> </ul>
Benign towards in-service oils, seals, paints and coatings commonly used in systems	<ul style="list-style-type: none"> <li>Gentle on systems</li> </ul>

Property	
Appearance	Clear and bright, water white
Flash Point, Cleveland Open Cup, °F, ASTM D92	217°C / 422°F
Kinematic Viscosity @ 40 cSt, mm <sup>2</sup> /s, ASTM D445	51
Specific Gravity, 25 cSt/25 cSt, ASTM D1298	0.846

## Varnish before and after Mobil Solvancer use:



**Mobil™**

**fluitec™**

