



Shell Catenex Oil S 925

Paraffinic Process Oil

Shell Catenex Oils S are paraffinic process oils manufactured via the solvent extraction process. They are general purpose process oils used as extender or carrier fluids.

DESIGNED TO MEET CHALLENGES

Specifications, Approvals & Recommendations

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties		Method	Shell Catenex Oil S 925
Colour (ASTM)		ASTM D1500	0.5
Density	@15°C	kg/m ³	867
Refractive Index	@20°C	ASTM D1218	1.476
Flashpoint (COC)		°C	220
Pour Point		°C	-15
Kinematic Viscosity	@20°C	mm ² /s	81
Kinematic Viscosity	@40°C	mm ² /s	30
Kinematic Viscosity	@100°C	mm ² /s	5.1
Sulphur (X-Ray)		% m/m	0.15
Carbon Type Distribution : C/A (S-corr.)		%	2
Carbon Type Distribution : C/N (S-corr.)		%	34
Carbon Type Distribution : C/P (S-corr.)		%	64
Refractive Intercept (RI)		DIN 51378	1.0437
Viscosity Gravity Constant (VGC)		DIN 51378	0.812
Aniline Point		°C	105
Clay Gel Analysis : Polar Components		% m/m	0.2
Clay Gel Analysis : Aromatic Components		% m/m	12.8
Clay Gel Analysis : Saturated Components		% m/m	87.0
Evaporation Loss (22 hrs)	@107°C	% m/m	0.8
Noack Volatility (1 hr)	@250°C	% m/m	16
PCA Content (DMSO Method)		% m/m	<3

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

Shell Catenex Oil S 925 is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from <http://www.epc.shell.com/>

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.