



Shell Edelex Oil 956

High quality naphthenic process oil

Shell Edelex Oils are highly refined naphthenic process oils for use in process oil applications where light colours and low smell combined with enhanced solvency properties is desired. Some oils in the range are of light stabilised quality.

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 Edelex Oil 956
Colour (ASTM)		ISO 2049	1.5
Density	@15°C kg/m ³	ISO 12185	914
Refractive Index	@20°C	ASTM D1218	1.499
Flashpoint (COC)	°C	ISO 2592	230
Pour Point	°C	ISO 3016	-24
Kinematic Viscosity	@20°C mm ² /s	ISO 3104	700
Kinematic Viscosity	@40°C mm ² /s	ISO 3104	141
Kinematic Viscosity	@100°C mm ² /s	ISO 3104	10.6
Sulphur (X-Ray)	% m/m	ISO 14596	0.1
Carbon Type Distribution : C/A (S-corr.)	%	DIN 51378/ASTM D2140 mod.	7
Carbon Type Distribution : C/N (S-corr.)	%	DIN 51378/ASTM D2140 mod.	42
Carbon Type Distribution : C/P (S-corr.)	%	DIN 51378/ASTMD 2140 mod.	51
Refractive Intercept (RI)		DIN 51378	1.0435
Viscosity Gravity Constant (VGC)		DIN 51378	0.850
Aniline Point	°C	ISO 2977	95
Clay Gel Analysis : Polar Components	% m/m	ASTM D2007	0.3
Clay Gel Analysis : Aromatic Components	% m/m	ASTM D2007	27.7
Clay Gel Analysis : Saturated Components	% m/m	ASTM D2007	72
Evaporation Loss (22 hrs)	@107°C % m/m	ASTM D972	0.5
Noack Volatility (1 hr)	@250°C % m/m	ASTM D5800	9
PCA Content (DMSO Method)	% m/m	IP 346	<3.0

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 Edelex Oil 956 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.