



Shell Edelex Oil 912

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 912
Colour (ASTM)			ISO 2049	L 0.5
Density	@15°C	kg/m ³	ISO 12185	880
Refractive Index	@20°C		ASTM D1218	1.479
Flashpoint (COC)		°C	ISO 2592	150
Pour Point		°C	ISO 3016	<-60
Kinematic Viscosity	@20°C	mm ² /s	ISO 3104	18
Kinematic Viscosity	@40°C	mm ² /s	ISO 3104	8.7
Kinematic Viscosity	@100°C	mm ² /s	ISO 3104	2.2
Sulphur (X-Ray)		% m/m	ISO 14596	0.05
Carbon Type Distribution : C/A (S-corr.)		%	DIN 51378/ASTM D2140 mod.	3
Carbon Type Distribution : C/N (S-corr.)		%	DIN 51378/ASTM D2140 mod.	51
Carbon Type Distribution : C/P (S-corr.)		%	DIN 51378/ASTM D2140 mod.	46
Refractive Intercept (RI)			DIN 51378	1.0405
Viscosity Gravity Constant (VGC)			DIN 51378	0.851
Aniline Point		°C	ISO 2977	81
Clay Gel Analysis : Polar Components		% m/m	ASTM D2007	0.2
Clay Gel Analysis : Aromatic Components		% m/m	ASTM D2007	7.8
Clay Gel Analysis : Saturated Components		% m/m	ASTM D2007	92
Evaporation Loss (22 hrs)	@107°C	% m/m	ASTM D972	28
Noack Volatility (1 hr)	@250°C	% m/m	ASTM D5800	100
PCA Content (DMSO Method)		% m/m	IP 346	<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 Edelex Oil 912 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.