

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.

Typical Physical Characteristics

			Edelex 956
Colour (ASTM)		ISO 2049	1.5
Density at 15 °C	kg/m ³	ISO 12185	914
Refractive Index at 20 °C		ASTM D 1218	1.499
Flashpoint COC	°C	ISO 2592	230
Pour Point	°C	ISO 3016	-24
Kinematic Viscosity		ISO 3104	
at 20 °C	mm ² /s		700
at 40 °C	mm ² /s		141
at 100 °C	mm ² /s		10.6
Sulphur (X-Ray)	%m/m	ISO 14596	0.1
Carbon Type Distribution		DIN 51378 /	
C/A (S-corr.)	%	ASTM D 2140	7
C/N (S-corr.)	%	mod.	42
C/P (S-corr.)	%		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		ASTM D 2007	
polar components	%m/m		0.3
aromatic components	%m/m		27.7
saturated components	%m/m		72.0
Evaporation Loss (22h/107°C)	%m/m	ASTM D 972	0.5
Noack Volatility (1h/250°C)	%m/m	ASTM D 5800	9
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.