

Shell Flavex Oil 909

Good solvency paraffinic process oil



Shell Flavex Oils are manufactured from a paraffinic crude oil via hydrotreating or extraction and exhibit a higher aromatic content than standard paraffinic process oils. The good solvency characteristics enable the preferred applications as extender oils or carrier fluids.

Typical Physical Characteristics

			Flavex 909
Colour (ASTM)		ISO 2049	L0.5
Density at 15 °C	kg/m ³	ISO 12185	836
Refractive Index at 20 °C		ASTM D 1218	1.461
Flashpoint COC		°C ISO 2592	140
Pour Point		°C ISO 3016	-3
Kinematic Viscosity		ISO 3104	
at 20 °C	mm ² /s		7.6
at 40 °C	mm ² /s		4.4
at 100 °C	mm ² /s		1.6
Sulphur (X-Ray)		%m/m ISO 14596	<0.05
Carbon Type Distribution		DIN 51378 /	
C/A (S-corr.)	%	ASTM D 2140	4
C/N (S-corr.)	%	mod.	32
C/P (S-corr.)	%		64
Refractive Intercept (RI)		DIN 51378	1.0447
Viscosity Gravity Constant (VGC)		DIN 51378	0.817
Aniline Point		°C ISO 2977	83
Clay Gel Analysis		ASTM D 2007	
polar components	%m/m		0.1
aromatic components	%m/m		14.9
saturated components	%m/m		85.0
Evaporation Loss (22h/107 °C)		%m/m ASTM D 972	35
Noack Volatility (1h/250 °C)		%m/m ASTM D 5800	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.