DowSyn Alkylated Naphthalene

Description:

DowSyn Alkylated Naphthalene is API category Group V fluids. It has superior thermo-oxidative stability and excellent hydrolytic stability.

Characteristic:

- Superior thermo-oxidative stability
- Lower pour point
- Excellent hydrolytic stability
- Improved solubility properties
- Good water separation characteristics
- Good seal swell properties

Typical performance :

Item	AN5	AN15	AN23	AN30	Test Method
Appearance	B&C				Visual
Density@20 ℃, g/cm^3	0.91	0.885	0.875	0.872	ASTM D1298
Kinematic Viscosity, mm^2/s @100 ℃ @40 ℃	 4.52 26.5	 15.1 140	 20.5 206	 29.85 301	ASTM D445
Viscosity Index	68	109	116	135	ASTM D2270
Flash Point, COC, ℃	220	260	288	320	ASTM D92
Pour Point, ℃	-50	-40	-39	-20	ASTM D97
Acid Number, mgKOH/g	0.01	0.01	0.01	0.01	ASTM D974
Aniline Point, ℃	32	96	110	125	ASTM D611
Noack Volatility, wt%	18.5	2.2	1.3	< 1	ASTM D5800

Typical Properties are obtained with normal production and do not constitute a specification.

Application:

- Engine Oils
- Grease
- Gear Oils (Automotive & Industrial)
- Compressor Oils and Refrigeration Oils

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