

NeoFlex 680 Pour Point Depressant

Description:

NeoFlex 680 Pour Point Depressant is based on the Neo Synthetic Hydrocarbon chemistry. It delivers good low-temperature performance that adapts to a variety of base oils for use in automotive and industrial lubricants.

Characteristic:

- ✦ Modifies wax crystal growth in the base oil, helping to achieve the best pour point depressant activity.
- ✦ Lower dosage with good performance, Low viscosity and good fluidity
- ✦ Keeps excellent efficiency with Group III and Group III+ base stocks

Typical performance :

Item	Typical	Test Method
Appearance	Colorless to light yellow	Visual
Kinematic Viscosity @100°C, mm ² /s	30	ASTM D 445
Density @20°C, g/cm ³	0.840	ASTM D 1298
Flash Point (COC) , °C	225	ASTM D 92
Pour Point, °C	-21	ASTM D 97

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

Application:

- Engine Oils : 0.2 ~ 0.5%
- Automotive Gear Oils: 0.2 ~ 0.5%
- Industry Oils: 0.1 ~ 0.3%

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Performance of NeoFlex 680 in variety base stocks*

A. Group III and Group III plus base oils

Base Oils	100N	250N	Yubase 4 Plus	4cSt	6cSt
Resource	Shell GTL	Shell GTL	SK	ADNOC	ADNOC
Pour Point, °C	-36	-33	-18	-23	-16
@ 0.2%	<-60	-48	-36	-39	-39
@ 0.4%	-	-	-39	-39	-39
Base Oils	Yubase 4	Yubase 6	Ultra-S4	Ultra-S6	
Resource	SK	SK	S-Oil	S-Oil	
Pour Point, °C	-15	-12	-20	-17	
@ 0.2%	-39	-36	-42	-39	
@ 0.4%	-39	-42	-	-	

B. Group II Base Oils

Base Oils	150N	150N	150N	150N
Resource	SinoPec-Shanghai	Formosa	CNCOOC	SinoPec-Maoming
Pour Point, °C	-24	-24	-21	-16
@ 0.2%	-39	-39	-39	-39
@ 0.4%	-39	-42	-42	-42
Base Oils	150N	500N	600N	500N
Resource	HDS	HDS	GS-Caltex	Formosa
Pour Point, °C	-26	-20	-12	-15
@ 0.2%	-51	-36	-31	-35
@ 0.4%	-51	-36	-	-

C. Group I Base Oils

Base Oils	150SN	200SN	400SN
Resource	PetroChina-Dalian	PetroChina-Dalian	PetroChina-Dalian
Pour Point, °C	-15	-14	-14
@ 0.3%	-24	-21	-21
@ 0.5%	-24	-24	-21

*Performance of the product described herein should be verified by testing