

Infineum SV261

Description

Infineum SV261 is a premium Viscosity Modifier concentrate made from a hydrogenated styrene-diene solid polymer, Infineum SV260. This high quality product is designed for use in the formulation of multigrade oils meeting the stringent performance requirements of modern diesel and gasoline engines. It is manufactured to tight specifications and is miscible with commonly used basestocks.

Infineum SV261 is a star polymer concentrate with the maximum polymer content and viscosity that can be handled in most plants.

Performance

Infineum SV261 has excellent permanent shear stability (20 SSI, designed to meet the latest shear stability requirements), excellent low temperature performance when used with appropriate pour point depressants, and optimal contribution to high temperature viscosity, particularly when used with Infineum DI package technology to formulate diesel and gasoline lubricants.

Typical Inspections

Property:	Value ^(a) :	Unit:	Method ^(b) :
Appearance	Slightly hazy pale amber viscous liquid*		ITM 50-042
Color	<3.0		ASTM D1500
Density @ 15 C, kg/m3	866	kg/m3	ASTM D4052
Density @ 60 F, lb/gal	7.23	lb/USG	ASTM D4052
Flash Point Deg C	195	°C	ASTM D93A
Kinematic Viscosity @ 100 C	1600	cSt	ASTM D445
Kinematic Viscosity @ 40 C	16300	cSt	ASTM D445
Kinematic Viscosity @ 60 C	7000	cSt	ASTM D445
Kinematic Viscosity @ 80 C	3100	cSt	ASTM D445

(a)Not a specification, (b)Methods typically used by Infineum manufacturing plants

*Presence of slight haze is normal and does not affect the appearance of fully formulated lubricants

Handling / Precautions

Localized high temperatures should be avoided during heating, especially when product cannot be agitated. Electrical, steam or hot oil heating systems with a self-limiting maximum temperature not exceeding 120 Deg. C/250 Deg. F (e.g. low pressure steam at 2 bar(g) or 30 psig) are recommended. For safety reasons free water must be avoided when product is handled above 95 Deg. C/205 Deg. F. Free water is always detrimental to product quality.

Storage over 2 months maximum temperature: 60 °C/140 °F

Min Load/Unload Temp: 85 °C (185 °F)
 Max Load/Unload Temp: 115 °C (239 °F)
 Vis @ Min Load/Unload Temp: 2,600 cSt
 Vis @ Max Load/Unload Temp: 1,000 cSt
 Maximum Storage Temperature: 85 °C (185 °F)
 Do not reheat above: 100 °C (212 °F)

For detailed data please refer to the relevant MSDS.

Further Information

For further information please contact your local Infineum affiliate or representative.

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