

Infineum P5711

Description

Infineum P5711 is a PCMO additive package formulated to meet low temperature performance and which can be used to blend premium quality full synthetic formulations in API Group III Yubase base stocks with approved viscosity modifiers. It is designed to meet API SN/SN-RC, ILSAC GF-5, dexos 1, GM 4718M performance claims at 12.5 mass % (~11.2 volume %).

Typical Inspections

Property:	Value ^(a) :	Unit:	Method ^(b) :
Appearance	Brown liquid		ITM 50-022
Base Number	62	mg KOH/g	ASTM D2896
Calcium	1.76	%(m)	ASTM D5185
Density @ 15 C, kg/m3	956	kg/m3	ASTM D4052
Density @ 60 F, lb/gal	8.00	lb/USG	ASTM D4052
Flash Point Deg C	182	°C	ASTM D93
Kinematic Viscosity @ 100 C	95	cSt	ASTM D445
Kinematic Viscosity @ 40 C	1414	cSt	ASTM D445
Molybdenum	0.043	%(m)	ASTM D5185
Nitrogen	0.61	%(m)	ASTM D5291
Phosphorus	0.60	%(m)	ASTM D5185
Sulfated Ash	6.9	%(m)	Calculated
Sulfur	1.70	%(m)	ASTM D4927
Zinc	0.66	%(m)	ASTM D5185

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

Handling / Precautions

Follow precautions normally taken for handling lube oil stocks.

This product is temperature sensitive. Do not heat over the maximum loading/unloading temperature to avoid possible release of extremely odorous alkyl mercaptans and/or hydrogen sulfide.

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.

Min Load/Unload Temp:	45 °C (113 °F)
Max Load/Unload Temp:	60 °C (140 °F)
Vis @ Min Load/Unload Temp:	1,026 cSt
Vis @ Max Load/Unload Temp:	437 cSt
Maximum Storage Temperature:	60 °C (140 °F)
Do not reheat above:	65 °C (149 °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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