Infineum S1885 (For MOE registration)

Description

Infineum S1885 is an advanced additive technology specially designed for formulating premium 4-stroke motorcycle engine oils. Oils blended with Infineum S1885 in a wide range of base stocks meet JASO T903:2011 requirements including JASO MA2 friction category for improved clutch performance. It also provides JASO Quality Category levels ranging from SJ to SN allowing for product line rationalisation as well as optimised logistics and storage, reducing overall cost. Infineum S1885 is suitable for use in both air-cooled and liquid-cooled 4-stroke motorcycles.

To meet JASO MB performance, Infineum S1885 may be boosted with Infineum S1889. The treat rate of Infineum S1889 will vary depending on formulation but 0.30 mass % to 0.40 mass% is typical.

Performance

Performance Level:	SAE Viscosity Grade:	Mass %:
JASO MA/MA2 API SN	10W-40, 15W-40, 20W-40, 20W-50	10.1
JASO MA/MA2 JASO Quality Category SN	All	10.1
JASO MA/MA2 JASO Quality Category SM	All	8.75
JASO MA/MA2 JASO Quality Category SL	All	8.0 + Infineum C9417 at 0.15 %
JASO MA/MA2 JASO Quality Category SJ	All	7.3 + Infineum C9417 at 0.25 %

Licensed performance levels: API SN for SAE viscosity grades 10W-40, 15W-40, 20W-40 and 20W-50 in Exxon Group II base stocks, and SAE viscosity grades 15W-40, 20W-40 and 20W-50 in Chevron Group II base stocks. Infineum S1885 is formulated to meet the specific needs of motorcycle engines. Infineum does not promote the use of motorcycle products beyond the intended application.

Typical Inspections

Property:	Value[(a)]:	Unit:	Method[(b)]:
Base Number	83	mg KOH/g	ASTM D2896
Calcium	2.35	%(m)	ASTM D5185
Density @ 15 C, kg/m3	975	kg/m3	ASTM D4052
Flash Point Deg C	110 Minimum	°C	ASTM D93
Kinematic Viscosity @ 100 C	64	cSt	ASTM D445
Kinematic Viscosity @ 40 C	929	cSt	ASTM D445
Molybdenum	0.03	%(m)	ASTM D5185
Nitrogen	0.68	%(m)	ASTM D5291
Phosphorus	0.96	%(m)	ASTM D4927
Sulfated Ash	9.9	%(m)	ASTM D874
Zinc	1.05	%(m)	ASTM D4927

(a)Not a specification, (b)Methods typically used by Infineum manufacturing plants
Typical Sulfur Value at 3.18%(m).

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 toxic hydrogen sulfide.

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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 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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