

Infineum M7090

Description

Infineum M7090 is an additive package used for blending Marine Diesel Cylinder Lubricants (MDCL). Marine lubricants using Infineum M7090 have demonstrated good performance in the Sulzer RTA 84 model of engine.

Performance

Performance Level (BN):	SAE Viscosity Grade:	Mass %:
70.0	50	21.4

Typical Inspections

Property:	Value ^(a) :	Unit:	Method ^(b) :
Base Number	337	mg KOH/g	ASTM D2896
Calcium	12.44	%(m)	ASTM D4951
Density @ 15 C	1146	kg/m ³	ASTM D4052
Flash Point Deg C	182	°C	ASTM D93
Kinematic Viscosity @ 100 C	140	cSt	ASTM D445
Kinematic Viscosity @ 40 C	2500	cSt	ASTM D445
Mineral Oil	37	%(m)	Calculated
Sulfated Ash	42.3	%(m)	Calculated

(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 toxic 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.

It is strongly recommended that for long term storage the temperature should not exceed 50 °C.

Min Load/Unload Temp:	55 °C (131 °F)
Max Load/Unload Temp:	65 °C (149 °F)
Vis @ Min Load/Unload Temp:	1,050 cSt
Vis @ Max Load/Unload Temp:	600 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.

Version: 18 October 2012 (1.0)

The information contained in this document is based upon data believed to be reliable and relates only to the matters specifically mentioned in this document. Although Infineum has used reasonable skill and care in the preparation of this information as of the date below, in the absence of any overriding obligations arising under a specific contract to supply goods or services, no representation, warranty (express or implied), or guarantee is made as to the suitability, accuracy, reliability or completeness of the information; nothing in this document shall reduce the user's responsibility to satisfy itself as to the suitability, accuracy, reliability, and completeness of such information for its particular use; there is no warranty against intellectual property infringement; and Infineum shall not be liable for any loss, damage or injury that may occur from the use of this information other than death or personal injury caused by its negligence. No statement shall be construed as an endorsement of any product or process. For greater certainty, before use, particularly if the product is used for a purpose or under conditions which are abnormal or not reasonably foreseeable, this information must be reviewed with the supplier.

'Infineum', 'Dobanax', 'Paratac', 'Synacto', 'Vektron', 'Vistone' and the corporate mark comprising the interlocking ripple device are trademarks of Infineum International Limited.

© Copyright Infineum International Limited (2012). All rights reserved.