

Infineum T4031

Description

Infineum T4031 is an additive package designed for automatic transmission fluids meeting the performance requirements of a wide range of industry and OEM specifications, at the recommended treat rate of 11.8% mass in suitable basestocks. OEM approvals are required for fluid to claim Allison C4, Mercedes-Benz, ZF and Voith and MAN performance specifications.

Performance

Performance Level:	Mass %:
Allison C4	11.8
Caterpillar TO-2	
D -IID	
MAN 339 Type V1/Z1	
MB-Approval 236.5/236.7	
Renk	
Voith G607	
ZF TE-ML 03D	
ZF TE-ML 04D	
ZF TE-ML 11A	
ZF TE-ML 14A	
ZF TE-ML 17C	

Typical Inspections

Property:	Value ^(a) :	Unit:	Method ^(b) :
Boron	0.036	%(m)	AM-S 80-006
Density @ 15 C, kg/m3	921	kg/m3	ASTM D4052
Flash Point Deg C	110 Minimum	°C	ASTM D93
Kinematic Viscosity @ 100 C	175	cSt	ASTM D445
Nitrogen	1.23	%(m)	ASTM D5291
Phosphorus	0.29	%(m)	ASTM D4927

(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:	50 °C (122 °F)
Max Load/Unload Temp:	60 °C (140 °F)
Vis @ Min Load/Unload Temp:	1,300 cSt
Vis @ Max Load/Unload Temp:	800 cSt
Maximum Storage Temperature:	60 °C (140 °F)
Do not reheat above:	60 °C (140 °F)

For detailed data please refer to the relevant MSDS.

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lubrex@lubrex.com.tr