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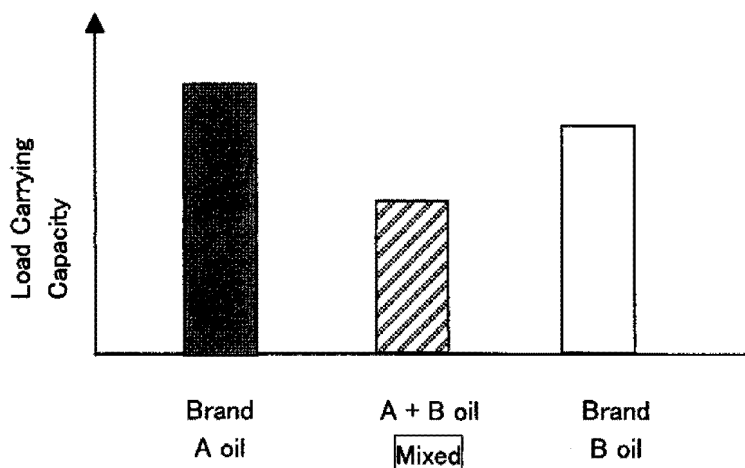
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Subject :  Notice for Mixing Use of Different Brand Cylinder Oils	Application	UEC Diesel Engine
	Type	All UEC
	No.	USI-10012E
<b>If necessary</b>		

An inconvenience occurred on piston ring and cylinder liner of the main engine was reported when different brand cylinder oils (general oil properties such as viscosity and TBN were similar with each other) were mixed together.

The verification test investigating the effect of the mix of different brand cylinder oils was carried out by the seizure test (high temperature ball test), and it has been ascertained that load carrying capacity may decrease in some cases when different brand cylinder oils were mixed. (refer to the following graph)

Therefore, when different brand cylinder oils are to be mixed unavoidably when cylinder oil is changed to other brand, it is recommended to limit the mixing ratio which should be less than 10%. (If two tanks or more for cylinder oils are available, it is recommended to supply new brand cylinder oil after using up old one in other tanks almost completely.)



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Plan record	Newly issued 13th Dec. 2017 MSI-0060 (29th Nov.2000)	Approved	<i>T. Yamamoto</i>	SERVICE ENGINEERING DEPARTMENT
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