

TECHNICAL DELIVERY CONDITIONS (TDC)**Project** : MRS1**Item** : Synthetic Gear Box Oil

Item Description	SAE Class	Class
Synthetic Gear Box oil	75W-90	API-GL 5

1. Synthetic gear box oil must be supplied conforming to specification as indicated in the table above.
2. Technical data sheet must be submitted along with the supplies.
3. The proposed technical offer from the vendor must be complete in all aspects in line with TDC.
4. Proper care shall be taken to avoid any damage during transit.
5. The oil shall be from the sources (OEM/authorized supplier) approved by gearbox manufacturer as given in Appendix-1.



GR-2

Synthetic Oils for Voith Gear Units

Spur and Bevel Gear Units (Without Axial Offset)

General lubricant list 132.00374401_EN, Version 13 dated 2019-04-18

- Only use an oil that is listed in the following table to fill the gear unit. Other oil grades, oil mixtures or contaminated oils are not permitted.

The gear unit is not covered by the warranty if it is operated with an oil not approved by Voith.

Before filling with a particular oil, the current version of this document must be located on the internet on the following page and checked:

www.voith.com/brochures/2288

Manufacturer	Designation	SAE class
BASF	Emgard HP	75W-90
BASF	Emgard RW-A	75W-90
BASF	Emgard RW-B	75W-90
BP	Energear SHX-LS	75W-90
Bucher	PENTA CT SAE 75W/90	75W-90
ExxonMobil	Mobil Delvac 1 Gear Oil 75W-90	75W-90
ExxonMobil	Mobil Synthetic Gear Oil 75W-90	75W-90
Fuchs Petrolub	TITAN CYTRAC RR 75W-90	75W-90
Indian Oil	Servo SynGear 75W-90 LL	75W-90
Klüber	Klübersynth GE 4 75 W 90	75W-90
Sinopec	Sinopec VT Synthetic Transmission Gear Oil 75W/90	75W-90

Table 1.1: Approved synthetic oils

13	JKb	MDi	Bach	2019-04-18	
12	JKb	MDi	Bach	2018-07-13	
11	JKb	MDi	Bach	2017-11-15	
10	JKb	MDi	hdh_mjar	2015-05-19	
Version	Preparation	Inspection	Release	Date	Remarks