

P.P. Winterthur Gas & Diesel AG, PO Box 414, CH-8401 Winterthur

Texas Petrochemical Asia Pacific Pte Ltd
Mr. Meng H, Ng
80, International Road
Singapore 629170

Winterthur, 27. October 2017

No Objection Letter: Texas Petrochemical Texmarine 1000 (BN100, SAE 50)

Dear Sir/Madam,

The **Texas Petrochemical** cylinder lubricating oil **Texmarine 1000**, blended with **API group I base oil and bright stock thickener**, has satisfactorily completed a lube oil quality survey (LOQuS) test. Based upon the results of the test and a previous satisfactorily completed 4'000 hours validation test of a lubricating oil mixed with the identical additive package, treat rate, base oil group and thickener on-board the vessel **Hong Kong Spirit (IMO 9602289)** fitted with a **Wärtsilä® 7RT-flex82T** engine, Winterthur Gas & Diesel (WinGD) has no objection to the use of the mentioned lubricating oil in WinGD X, WinGD X-DF, WinGD RT-flex, WinGD RT-flex-DF, Wärtsilä® RTA, Wärtsilä® RT-flex and Wärtsilä® X engines as well as in Sulzer 2-stroke engines operating on fuels with a sulphur content in the range of **1.5<S<3.5% w/w**.

Texas Petrochemical assumes all responsibility for the performance of the mentioned lubricating oil in service in the mentioned engine types to the exclusion of any liability of WinGD and companies belonging to the WinGD group. **Texas Petrochemical** along with other possible manufacturers and distributors of the mentioned lubricating oil shall indemnify, compensate and hold harmless WinGD and companies belonging to the WinGD group from and against any claims, damages and losses caused by the mentioned lubricating oil. The application must comply with WinGD's lubricating oil requirements and recommendations. Lubricants should be used as recommended in the Technical Bulletins RT-138, RT-161 and other manuals issued by WinGD or Wärtsilä.

Texas Petrochemical undertakes to inform the undersigned representatives of any subsequent changes in the formulation of the mentioned lubricating oil. This **No Objection Letter is valid for a period of two years** from the date of issue and may be re-issued and extended if satisfactory field performance is proven during the two year period.

Yours sincerely,



Konrad Räss
Director Research & Development
Winterthur Gas & Diesel Ltd.



Rudolf Holtbecker
Director Operations
Winterthur Gas & Diesel Ltd.