

Recommendation: The brand name of the fluid is unknown and therefore shown as a generic ISO VG 68 fluid. It is assumed that the fluid in service is Petro-Therm. The fluid is in a reasonable condition and suitable for further use. The viscosity is high and not representative of Petro-Therm. This in combination with the contaminants Calcium, Zinc and potentially Phosphorus indicates contamination with an unknown higher viscosity oil. It has also resulted in elevation of the distillation curve and a slightly elevated AN. The concern is that the contaminants Ca and Zinc will form hard deposits on hot internal parts of the system, thereby insulating the surfaces from the fluid which leads to lower system efficiency in a best case scenario and failure in a worst case scenario. If the volume is 1435 Itr as reported, it is advised to replace the fluid. If the volume is larger, sweetening of the fill with Petro-Therm is recommended. Please re-sample in 12 months. When sending in the next sample please list: Fluid brand name, service life and system volume (if 1435 Itr is not correct)

Comments: (GCD) 10% Distillation Point is severely high. (GCD) 50% Distillation Point is severely high. (GCD) 90% Distillation Point is severely high. Zinc ppm levels are severely high. Visc @ 40°C is abnormally high. Calcium ppm levels are abnormally high.







Petro-Canada makes no representation or warranty of any kind, either express or implied, as to the accuracy or completeness of the analysis and assumes no responsibility and shall have no liability whatsoever with respect to such analysis, or a party's use of it. Petro-Canada is a division of HollyFrontier Corporation.

Report ID: [02604269] (Generated: 01/02/2024 16:08:42) - Page 2 - Copyright 2024 Wearcheck Inc. All Rights Reserved.