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TECHNICAL BULLETIN: JN0440
SUBJECT: EXTENDING DRAIN INTERVALS

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EXTENDING DRAIN INTERVALS WITH ALL FLEET T®

Champion All Fleet T heavy duty, API CJ-4 engine oils are specially formulated to have higher reserve alkalinity than competing heavy duty oils meeting API CJ-4 service level. Our unique TBN booster provides superb alkalinity for neutralizing harmful combustion by-products, but is ash free and safe for diesel particulate filters found in modern diesel engines.

Total Base Number or TBN is a measure of the alkalinity of oil, or its ability to neutralize acids. Total Acid Number or TAN is a measure of free acids found in oils. These acids are by-products of combustion and of the breakdown of oil molecules as the oil sees long hours of service. Commonly, fleet managers will take these two measures together to determine drain intervals – when the TAN or measure of free acid exceeds the alkaline reserve or TBN, then it is time to change the oil.

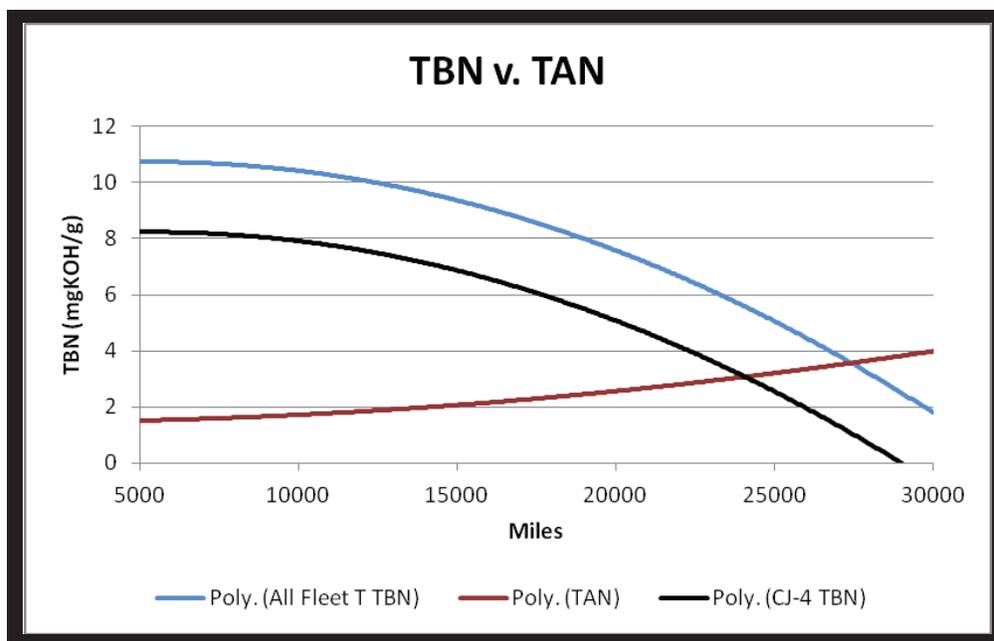


Figure 1 – Graph shows the typical overlay of TBN & TAN though an oil service interval. Because Champion All Fleet T has a higher initial TBN, drains can be extended by as much as 30%

Due to higher reserve alkalinity and better TBN retention, Champion All Fleet T is a natural choice for any diesel owner that wants to extend their drain interval, reduce equipment downtime, reduce maintenance labor and reduce their impact on the environment and their pocketbook. Trust Champion All Fleet T for the longest and most reliable service!

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