

SYNCRAGEN MTF 10W TO 4



Syncrogen 10W TO4 is designed to provide operators with trouble free operation and maximum reliability for the lifetime of the equipment. It meets the demanding requirements of modern transmission, final drive, oil immersed brake and hydraulic systems fitted to heavy-duty off-highway.

APPLICATIONS:

Syncrogen 10W TO4 is recommended for use in heavy duty off-highway equipment produced by the world's leading manufacturers and for the ff.

- _ Powershift Transmissions
- _ Final drives
- _ Oil immersed brakes
- _ Hydraulic systems

PERFORMANCE STANDARD & BENEFITS:

- **Frictional performance and material Compatibility**
 - Highly consistent and reliable friction performance when used with the advanced metallic and non-metallic materials found in modern systems. Minimal clutch slippage, smooth and quiet brake operation, and trouble free transmission operation.
- **Anti-wear protection**
 - The shear-stable SAE 10W, 30 and 50 viscosity grades are free from viscosity index (VI) improvers and thickeners and give the best protection of heavily loaded components.
- **Low temperature characteristics**
 - Formulated to meet low temperature viscosity and fluidity requirements, providing superior protection during start-up and low operating temperature conditions.
- **Optimum mechanical performance and long oil life**
 - Wide-ranging protection for critical components, such as bronze friction discs in powershift transmissions and gears in final drives and differential units.
- **Oxidation stability**
 - Contains inhibitors to control oxidation and deposit formation. Protects both ferrous and non-ferrous metals from corrosion. Suppresses Foaming with improved flow properties at low temperatures enhances efficiency.

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TECHNICAL DATA			
S.No.	CHARACTERISTICS	TEST METHODS	RESULT
01.	Appearance	VISUAL	C & B
02.	Water Crackle	HOT PLATE	Nil
03.	Color	ASTM D-1500	L 3.5
04.	Specific Gravity	ASTM D-1298	0.885
05.	Viscosity @ 40 C, cSt	ASTM D-445	32.28
06.	Viscosity @ 100 C, cSt	ASTM D-445	6.23
07.	Viscosity Index	ASTM D-2270	146
08.	Flash Point, COC, C	ASTM D-92	233
09.	Pour Point, C	ASTM D-97	-42
10.	TBN, mgm KOH/gm	ASTM D-2896	8.50

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application, following the recommendations provided in the Material Safety Data Sheet (MSDS). MSDSs are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

Published by General Petroleum GmbH Frankfurt, Germany
Last Updated on: April -2011