

Meritor

# APPROVED REAR DRIVE AXLE LUBRICANTS

## ⚠ CAUTION

You must fill Meritor axles with Meritor-specified lubricants only. Do not fill an axle with non-approved lubricants, which will void Meritor's warranty. Damage to axle components can result.

For complete lubrication information, refer to Maintenance Manual 1, Preventive Maintenance and Lubrication. To obtain this publication, contact the Meritor OnTrac™ Customer Call Center at 866-OnTrac1 (866-668-7221), or visit our website at [meritor.com](http://meritor.com).

To avoid axle component damage, fill Meritor axles with approved lubricants only. Using non-approved lubricants will void Meritor's warranty.

**Table A: Axle Oil Specifications**

	SAE Viscosity Grade	Meritor Specification	SAE Specification	Outside Temperature
Standard Drain Lubricants	85W-140	O-94	SAE J2360 Tested and Approved	Above +10°F (–12°C)
	80W-140			Above –15°F (–26°C)
	80W-90			Above –15°F (–26°C)
	75W-140			Above –40°F (–40°C)
	75W-90			Above –40°F (–40°C)
	75W-85			Above –40°F (–40°C)
	75W			From –40°F (–40°C) to +35°F (+2°C)
Extended Drain Lubricants	75W-85*	O-95	SAE J2360 Tested and Approved	Above –40°F (–40°C)
	75W-90*			Above –40°F (–40°C)
	80W-90			Above –15°F (–26°C)
	80W-140			Above –15°F (–26°C)

\* Recommended for all Meritor High Efficiency ("HE") variant axles

**Table B: Extended-Drain-Approved Synthetic Axle Oil Suppliers**

Name of Lubricant	Viscosity	Manufacturer
Akron Vector H Axle	80W-140	Mexicano de Lubricantes, S.A. de C.V.
Delo Gear Lubricant ESI	80W-90	Chevron Lubricants
Delo Syn-Gear HD	75W-90	Chevron Lubricants
Delo Syn-Gear XDM	75W-90, 80W-140	Chevron Lubricants
Emgard® EP 75W-90 (Emgard® 2984)	75W-90	BASF Corporation
Emgard® EP 80W-140 (Emgard® 2831)	80W-140	BASF Corporation
Emgard® FE 75W-90 (Emgard® 2986)	75W-90	BASF Corporation
Emgard® XFE 75W-85 (Emgard® 7103)	75W-85	BASF Corporation
Hi-Tec Syngear V Extra	75W-90	Hi-Tec Oil Traders Pty Ltd.
Kendall Super Three Star®	75W-90, 80W-140	Phillips 66 Company
Mobil Delvac 1 Gear Oil	75W-90, 80W-140	ExxonMobil
NEMCO Syngear	75W-90	NemCo Resources Limited
PURUS Synthetic Heavy Duty Gear Lube	75W-90, 80W-140	Warren Oil Company, Inc.
Shell Spirax S6 ADME	75W-90	Shell Lubricants
Shell Spirax S6 AXME	75W-90, 80W-140	Shell Lubricants
Shell Spirax S6 AXRME	75W-90	Shell Lubricants
Sonic MP Gear Oil	75W/90	Federated Cooperatives Limited
Syn-Gear	75W-90, 80W-140	BP Lubricants USA Inc.
Syn-Gear	75W-90, 80W-140	Castrol Heavy Duty Lubricants, Inc.
SYNSTAR GL	75W-90	Caltex Oil Pty. Limited
Syntrax E	75W-90, 80W-140	Castrol Heavy Duty Lubricants, Inc.
Transintex Plus EP	75W-90, 80W-140	Raloy Lubricantes, S.A. de C.V.
Transmission SYN NA	75W-90, 80W-140	Total Lubricants
Traxon E Synthetic	75W-90, 80W-140	Petro-Canada Lubricants Inc.
Trion Synthetic Gear Lube	75W-90, 80W-140	Phillips 66 Company
Valvoline HD Synthetic Gear Oil EP	75W-90, 80W-140	Valvoline, Inc.

Listed lubricants may not be available for all geographical regions, please check local legislation to ensure compliance with government ordinances.



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Printed in USA

TP-9539  
 Revised 09-20  
 (16579)



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MACK TRUCKS, INC.  
PO BOX 26115  
GREENSBORO, NC 27402-6115

September 21, 2020

Dear customer,

Mack Trucks Inc. would like to inform you of a change to the recommendation regarding the lubricant in your Meritor 14XHE drive axles.

In order to take full advantage of the efficiency of the axles, we recommend at the next oil change interval you change to one of the high quality 75w-90 synthetic gear oils as outlined in Meritor's latest Technical Bulletin TP-9539 included in this mailing.

Copies of this latest revision can be found at  
<https://www.meritor.com/literature-on-demand>.

Sincerely,  
Mack Trucks, Inc.