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Brake Grease Specifications

The following tables are from the -_Arvin Meritor - Maintenance Manual 4M - ADB Series Air Disk Brakes - Revised 04/05

Table G: Air Disk Brake (1540, 1560, 1760) Grease Specifications

Component	Meritor Specification	NLGI Grade	Grease Description	Outside Temperature
Caliper 1	O-616-A	1	Clay Base	Down to -40°F (-40°C)
	O-645	2	Synthetic Oil, Clay Base	Down to -65°F (-54°C)
Slide Pin Retainers	O-637 2	1-1/2	Calcium Base	Refer to the grease manufacturer's specifications for the temperature service limits.
	O-641	—	Anti-Seize	See Above
Camshaft Splines	Any of Above	See Above	See Above	See Above
1 The grease used inside the caliper must be non-melting and also allow correct brake function at cold temperatures listed.				
2 Do not mix O-637 calcium-base, corrosion-control grease with other greases.				

Table H: Conventional Automatic Slack Adjuster Grease Specifications

Component	Meritor Specification	NLGI Grade	Grease Type	Outside Temperature
Automatic Slack Adjuster	O-616-A	1	Clay Base	Down to -40°F (-40°C)
	O-692	1 and 2	Lithium Base	Down to -40°F (-40°C)
	O-645	2	Synthetic Oil, Clay Base	Down to -65°F (-54°C)
Clevis Pins	Any of Above	See Above	See Above	See Above
	O-637	1-1/2	Calcium Base	Refer to the grease manufacturer's specifications for the temperature service limits.
	O-641	—	Anti-Seize	

Operating Temperatures

Down to -40°F (-40°C)	Down to -65°F (-54°C)
Clay-Base Greases	Synthetic Greases
Meritor Spec O-616-A (Part Number A-1779-W-283)	Meritor Spec O-645 (Part Number 2297-X-4574)
Shell Darina Number 1	Mobilgrease 28 (Military)
Texaco Thermatex EP-1 (Discontinued)	Mobiltemp SHC 32 (Industrial)
Texaco Hytherm EP-1 (Discontinued)	Tribolube-12 Grade 1
Aralub 3837	



Meritor Grease

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Last update: **2024/07/10 21:24**

