



Product Description

Yukon Acadia G1 is a high quality, multipurpose, NLGI 2, 3 grade, lithium hydroxystearate grease based on an ISO VG 150 mineral oil. It is formulated to provide added protection against rusting and water washout in general purpose automotive applications at moderate temperatures and loads.

Customer Benefits

Yukon Acadia G1 has a long history of proven performance in general purpose automotive applications and provides the following benefits:

- Wide operating temperature range
- Good resistance to water washout
- Extra protection against rust and corrosion
- Good pumpability in centralized systems
- Excellent structural stability
- Lead, chlorine and nitrite free

Features

- Suitable for a wide range of applications
- Saves money on inventory costs, saves time and protects against incorrect grease application.
- Provides good water resistance protecting against water wash-out.
- Contains Molybdenum disulphide providing heavy load performance

Applications

Yukon Acadia G1 is recommended for the lubrication of automotive chassis components, wheel bearings, clutch bearings, universal joints and ball joints of steering and suspension systems of passenger cars, trucks, farm tractors and most other types of mobile equipment operating under moderate conditions. The recommended operating



temperature range of Yukon Acadia G1 is -15°C to 130°C. In applications where heavy or shock loading is a factor, extreme pressure greases are preferred.

Description	Unit	Test instrument	Specification	Yukon Acadia G1 # 2	Yukon Acadia G1 # 3
Texture	-	Visual	Smooth	Smooth	Smooth
Color	-	Visual	Yellow	Yellow	Yellow
Unworked Penetration @25C	mm/10	ASTM D217	Report	277	240
Worked Penetration @ 25C # 2	mm/10	ASTM D217	265 - 295	272	-
Worked Penetration @ 25C # 3	mm/11	ASTM D218	220 - 250	-	242
Dropping Point	deg C	ASTM D566	180 Min	197	199
Cu Strip Corrosion @100C, 24 hrs	Class	JIS K 2220_5.5	C01	1B	1B
Evaporation Loss @99C, 22 hrs	mass%	JIS K 2220_5.6	Report	0.35	0.22
Oil Separation @100C, 24 hrs	mass%	JIS K 2220_5.7	Report	0.35	
Oxidation Stability	kPa	JIS K 2220_5.8	Report	25	20
Deleterious particles	-	JIS K 2220_5.9	Report		
10 um+	-		Report	433	1300
25 um+	-		Report	67	200
75 um+	-		Report		
125 um+	-		Report		
Ash Content	mass%	JIS K 2220_5.10	Report	0.5	0.5
Worked Stability 100,000 Strokes	-	JIS K 2220_5.11	Report	315	280
Water Washout @38C, 1 hr	mass%	JIS K 2220_5.12	Report	1	6
Water Content	mass%	JIS K 2220_5.18	Report	<0.1	<0.1
Four Ball Test	-	NPC-H-7202-1	Report	0.65	0.65
Corrosion Preventive Properties	-	ASTM D1743	Report	PASS	PASS

Tech Details

- Reduced wear under heavy or shock loading and vibration for good equipment reliability and availability
- Protection against rust and corrosion and resistance to water washout for equipment protection and good lubrication even in presence of water



- Extended bearing life potential in wet environments for reduced bearing costs and unanticipated downtime

Yukon Acadia G1 is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions.

Health, Safety & Environment

- **Health and Safety**

Yukon Acadia G1 Grease is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from

<http://www.yukonlubricants.com>

- **Hydraulic Brake Rubber Components**

Care should be taken to ensure that the grease does NOT come into contact with hydraulic brake rubber components.

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Operating Temperature**

Yukon Acadia G1 is recommended for the operating temperature range -15 °C to +130 °C.

- **Re - greasing Intervals**

For bearings operating near their maximum recommended temperatures, re-greasing intervals should be reviewed.

- **Advice**

Advice on applications not covered here may be obtained from your Yukon representative.