



### ***Product Description***

Yukon Acadia G3 greases are premium multi-purpose greases based on high viscosity index mineral oil and a lithium complex soap thickener. They contain the latest additives to offer excellent high temperature oxidation performance and other additives to enhance its anti-oxidation, anti-wear and anti-corrosion properties. Yukon Acadia G3 greases are especially suitable for bearings operating at high temperature and under load.

### ***Customer Benefits***

Yukon Acadia G3 greases deliver value through:

- Good water resistance - good resistance to wash out of bearings.
- Good rust and corrosion protection, even in wet conditions.
- Extreme pressure protection.
- Protection against shock loading, thus promoting long bearing life.
- Outstanding film strength and adhesive properties.
- Good low temperature pumpability - easy handling in the container and grease dispensing equipment.

### ***Features***

Yukon Acadia G3 greases are water resistant, extreme pressure, heavy duty chassis and wheel bearing greases.

Yukon Acadia G3 greases are manufactured using highly refined, select high viscosity index base oils, and a lithium complex soap.

Yukon Acadia G3 greases are available in two grades:

- NLGI grade 2, 3 for use in normal ambient temperatures

### ***Applications***

- 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 G3 is recommended for multipurpose applications in antifriction and plain bearings, bushings and pins under normal operating conditions.

Description	Unit	Test instrument	Specification	Yukon Acadia G3 # 2	Yukon Acadia G3 # 3
Texture	-	Visual	Smooth	Smooth	Smooth
Color	-	Visual	Yellow	Yellow	Yellow
Unworked Penetration @25C	mm/10	ASTM D217	Report	276	226
Worked Penetration @ 25C # 2	mm/10	ASTM D217	265 - 295	283	-
Worked Penetration @ 25C # 3	mm/10	ASTM D217	220 - 250	-	225
Dropping Point	deg C	ASTM D566	270 Min	280	280
Cu Strip Corrosion @100C, 24 hrs	Class	JIS K 2220_5.5	C01	1A	1A
Evaporation Loss @99C, 22 hrs	mass%	JIS K 2220_5.6	Report	0.14	0.14
Oil Separation @100C, 24 hrs	mass%	JIS K 2220_5.7	Report	1.2	1.2
Oxidation Stability	kPa	JIS K 2220_5.8	Report	16	16
Worked Stability 100,000 Strokes	-	JIS K 2220_5.11	Report	306	306
Water Washout @38C, 1 hr	mass%	JIS K 2220_5.12	Report	3.1	3.1
Leakage Tendency @104C, 6 hrs	gram	JIS K 2220_5.13	Report	1.2	1.2
Water Content	mass%	JIS K 2220_5.18	Report	<0.1	<0.1
Four Ball Weld Load	N	ASTM D2596	Report	3090	3090
Four Ball Wear Scar	Millimeter	ASTM D2266	Report	0.47	0.47
Timken OK Load	lbs	ASTM D2509	Report	50	50
Corrosion Preventive Properties	-	ASTM D1743	Report	Pass	Pass

**Tech Details**

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***Health, Safety & Environment*****- Health and Safety**

Yukon Acadia G3 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 G3 is recommended for the operating temperature range -15 °C to + 180 °C. (peak 190 °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.