

PRODUCT INFORMATION

ECOSE[®] ELITE HT RED GREASE

ECOSE[®] Elite HT Red is premium high temperature lithium complex grease that will perform at elevated temperatures where conventional soap thickened grease will run out. It has excellent resistance to water washout and flows readily at cold temperatures making this grease very suitable for the broadest range of industrial machines and equipment requiring *elite* extreme pressure protection and heavy load carrying capabilities.

FEATURES AND BENEFITS:

ECOSE[®] Elite HT Red was created to provide outstanding protection in heavily loaded bearings and other severe service requirements such as paper mill bearings, pellet mill bearings, construction and mining applications and disc brake wheel bearings. Additionally, **ECOSE[®] Elite HT Red** offers the following benefits:

- High base oil viscosity
- Excellent load carrying capabilities
- Outstanding protection against wear
- Superior rust and corrosion protection
- Wet condition lubrication

APPLICATIONS:

ECOSE[®] Elite HT Red Grease is well suited for steel and pellet mills, heavy-duty trucks, construction equipment, earthmoving equipment, industrial systems, marine service, mining operations and farm equipment.

ECOSE[®] Elite HT Red is very well suited for use in a wide variety of grease applications where premium quality grease is required, such as the following:

- Pulp and paper mill industry
- Conveyor bearings
- Slag bed shaker bearings
- Steam control valves
- Universal joints
- Fifth wheels

ECOSE[®] Elite HT Red Grease meets the performance requirements for high-temperature, disc-brake wheel bearing application. It meets ASTM D4950 requirements for Wheel Bearing Grease Category **GC** and Chassis Grease Category **LB**.

AVAILABILITY:

ECOSE[®] Elite HT Red is available throughout Nu-Tier Brand's marketing area. Your Nu-Tier representative can provide specific information. Need additional information? Call Nu-Tier Brands @ 1-877-771-LUBE (5823) or visit nu-tierbrands.com.

ECOSE[®] Elite HT Red - Typical Properties

Product Code	Test Method	544015
NLGI Grade	ASTM D-217	#2
Thickener Type	ASTM D-128	Lithium Complex
Base Oil Viscosity, cSt @ 40°C	ASTM D-445	450
Base Oil Viscosity, cSt @ 100°C	ASTM D-445	28.4
Color	Visual	Red
Appearance	Visual	Smooth, Tacky
Cone Penetration @ 77°F Worked, 60x	ASTM D-217	265 - 295
Dropping Point, °F	ASTM D-2265	500 Min.
Timken OK Load, lbs.	ASTM D-2509	80
Four-Ball Wear Test, mm	ASTM D-2266	0.45
Four-Ball EP Test: Load Wear Index (LWI), kgf Four-Ball Weld Point, kgf	ASTM D-2596	60 500
Water Washout, wt.% loss @ 175°F	ASTM D-1264	2.0
Wheel Bearing Leakage, gms	ASTM D-1263	3.0
Copper Strip Corrosion	ASTM D-4048	1B
Rust Prevention, rating	ASTM D-1743	Pass
Approximate Usable Temperature Ranges Minimum, °F Maximum, °F		-10 325