Finnexx Ramus Oils

Moly-Grease EP2

PRODUCT DESCRIPTION

Finnexx Ramus Moly-Grease EP 2 is made from a selected, high-quality base oil containing a shear-stable lithium-12-hydroxy-stearate soap. The solid lubricant MoS2 ensures good lubricity, high load carrying ability, and protection against seizure under highly loaded service conditions. Finnexx Ramus Moly-Grease EP 2 has very good anti-corrosion properties, good oxidation stability, good resistance against softening and good water resistance.

CUSTOMER BENEFITS

- Heavy and shock load protection
- Resistance to water washout
- Wide range of applications
- Good low temperature pumpability
- Rust and corrosion protection

APPLICATIONS

Finnexx Ramus Moly-Grease EP 2 is a multi-purpose grease. Construction, mining and agricultural applications for Molytex EP 2 includes virtually all points of grease lubrication found on dozers, scrapers, earthmovers, cranes, shovels, rollers, tractors, combines and cotton pickers. The lubrication points include all types of anti-friction bearing arrangements from pain sleeve-type to rolling element bearings, as well as bushings and other sliding surface or pivot points.

Finnexx Ramus Moly-Grease EP 2 has been successfully used in constant velocity joints (CV-joint) in front wheel drive automobiles, universal joints (U-joints) and for chassis lubrication. The presence of moly provides added shock protection.

Finnexx Ramus Moly-Grease EP 2 is formulated to perform well in conditions of high loads and temperature extremes and provides resistance to rust and are resistant to water washout.

Finnexx Ramus Moly-Grease EP 2 is not suitable for rolling bearings at high speed.

PERFORMANCE

- ASTM D4950 Service Classification LB
- Association of American Railroads Specification M-929-75

	DIN 51 502	ISO 6743-09	Operating temperature
Finnexx Ramus Moly-Grease EP 2	K PF 2 K-30	ISO-L-XCCEB2	-30°C up to 120°C With centralised lube systems up to 140°C

Finnexx Ramus Oils

Moly-Grease EP2

TYPICAL TEST DATA

Characteristic	Test methods	2
NLGI-class	DIN 51 818	2
Type of soap		Lithium
Colour		Dark Grey
Concentration MoS_2,wt%		3
Concentration lithium soap, %		9
Penetration worked, 60 strokes, mm/10	DIN ISO 2137	280
Penetration worked, 100000 strokes	DIN ISO 2137	+30
Dropping Point, °C	DIN ISO 2176	210
Base Oil Viscosity at 40°C, mm^2/s	DIN 51 562	200
Base Oil Viscosity at 100°C, mm^2/s	DIN 51 562	15
Emcor corrosion test,destilled, stage	DIN 51 802	0-0
Emcor corrosion test,salt, stage	DIN 51 802	2-2
Timken Scoring Load, lbs Timken OK load	ASTM D 2509 ASTM D 2782	40 30
Wheel bearing leakage,%	ASTM D1363	3.2
Water resistance dynamic, wt% at 78°C	DIN 51 807/2	5.0
Water resistance static	DIN 51 807/1	0/90
Four Ball Wear, mm 1 hr, 75°C, 1200 rpm, 40 kg	ASTM D 2266	0.4
Four Ball Wear, method E Scar diameter, mm	DIN 51350/1,5	0.4
Four Ball Weld Load, N	DIN 51350/1,4	>3600
Four Ball EP Load wear index, kgf Welding point, kgf	ASTM D2596	 46 250
Shell Roll Stability test 0% water 13% water	ST 230	 269 277

Values are typical of production but will be subject to variation.

Finnexx Ramus Oils

Moly-Grease EP2

Health & Safety Note – Always maintain good levels of personal hygiene when handling mineral oil based greases. Wear protective clothing/gloves. Wash hands and skin areas where contact has occurred and avoid ingestion. Care should be taken to avoid grease gun accidents. See applicable Material Safety data Sheet for further information.