



SHELL RETINAX[®] GREASE WR

Premium EP industrial grease for applications subject to heavy loads and extremely wet conditions

Product Description

Shell Retinax[®] Grease WR (formerly Retinax[®] Grease HD) is a premium mixed soap thickened grease made with a heavy base oil, tackifiers and selected additives. The combination of lithium and calcium soaps gives this grease its excellent mechanical stability, while the heavy base oil provides outstanding resistance to water washout. The careful selection of additives gives Shell Retinax[®] Grease WR excellent EP/load carrying ability, oxidative stability, rust protection and metal surface adherence. Shell Retinax[®] Grease WR is available in NLGI Grades 1 and 2.

Applications

- automatic and hand lubrication systems over a wide range of temperatures in heavy industries such as steel and other metals, paper, mineral processing
- any application where heavily loaded bearings and severe water washout conditions exist
- slideways

Features/Benefits

- excellent mechanical stability
- outstanding resistance to water wash-out
- excellent EP/load carrying ability
- excellent oxidative stability
- excellent rust and corrosion protection
- excellent adherence (tackiness) to metal surfaces
- greater re-lubrication interval flexibility

Typical Properties of Shell Retinax® WR Grease

NLGI Grade		1	2
Product Code		70417	70408
	Test Method		
Appearance	Visual	Dark Green	Dark Green
Thickener Type		Li/Ca	Li/Ca
Penetration @ 25°C			
60 strokes, dmm	D 217	321	278
100,000 strokes, dmm	D 217	320	284
100,000 strokes w/10% water, dmm	D 217	330	304
Four Ball Wear, scar diameter, mm	D 2266	0.5	0.45
Four Ball Weld Load, kg	D 2783	250	250
Timken OK Load, lbs	D 2509	55	60
Dropping Point, °F	D 2265	350	350
Rust Test, 48 hrs @ 125°F	D 1743	Pass	Pass
Bomb Oxidation			
pressure drop @ 100 hrs, psi	D 942	5.4	5.4
Water Washout, wt% loss @175°F	D 1264	5.0	3.5
Low Temperature Mobility			
0°F, grams per minute	D 1022	1.6	0.9
Oil Viscosity			
@ 40°C, cSt	D 445	497	486
@ 100°C, cSt	D 445	31.2	30.0

Handling & Safety Information

For information on the safe handling and use of this product, refer to its Material Safety Data Sheet at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.