

GREASE EP/R

EXTREME PRESSURE MULTIFUNCTION GREASE

310001-310002-310003-310020-310024-310026-310027-310032-310035-310041-310044-310045-
310046-310049-310050-310051-310053-310054-310055-310060-310061-310062-310079-310081-
310202/01.24

DESCRIPTION & APPLICATIONS

GREASE EP/R is a grease with very high extreme pressure performances in all applications (joints, pumps, bearings, etc,...), particularly adapted for high temperature conditions and very heavy loads.

Grade NLGI 00 to 1 are particularly suitable for gearboxes, continuously variable transmission, centralized lubrication systems, gearboxes, etc.

The degrees NLGI 2 and 3 are recommended for roller bearings, cardans, constant velocity drive axles for automobiles, hinges, gear racks, cables, etc.

NLGI grade 3 is recommended for differential gearboxes and heavy duty bearings.

Approval

GREASE EPR 00 Willy Vogel

ADVANTAGES

- Wide range of temperature use
- Strong adherence to metallic surfaces
- Exceptional load capacity
- Easily injected into all machinery under pressure
- Very good service and storage stability
- Does not contain leaded salts

ENVIRONMENT, HEALTH & SAFETY

Please consult also the Safety Data Sheet about how to manipulate and to stock the product as well as to learn about the first aid measurements in case of accident.

Elimination after use must be made in conformity with the local rules in force about used greases disposal. When needed, Safety Data Sheet can be obtained upon request.

Conservation of the product: 3 year(s) in closed container and sheltered.

GREASE EP/R

PROPERTIES

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
Type	-	-	EP/R 00	EP/R 0	EP/R 1	EP/R 2	EP/R 3
Thickener	-	-	lithium	lithium	lithium	lithium	lithium
Color	-	-	amber	amber	amber	amber	amber
NLGI-grade	-	ASTM D 217	00	0	1	2	3
DIN 51825 standard	-		KP 00 H	K P O H	K P 1 M	K P 2 N	K P 3 N
Penetration at 25°C after 60 strokes	1/10mm	ISO 2137	415	370	325	280	235
Application temperature	°C	-	-30 tot 120	-30 à +120	-20 +130	-20 à 130	-20 à +130
Dropping point	°C	IP 396	160	160	190	190	190
Viscosity of the base oil at 40°C	mm ² /s (cSt)	ASTM D-445	60	64	130	120	130
4 Ball weld load	kg	ASTM D2596	250	250	285	285	285
Water resistance	-	-	insoluble	insoluble	insoluble	insoluble	insoluble
Product number	190 K	-	310027	310035	310002	310003	310001
Product number	53 K	-	310061	310060	310044	310049	310054
Product number	18 K	-	310050	310051	310045	310046	310041
Product number	5 K	-	310062	310079	-	310053	310055
Product number	400 gr	-	-	-	-	310032	310020

The average values are given for information only.