Digitally signed by Țaran Dumitru
Date: 2024.08.23 13:54:13 EEST
Reason: MoldSign Signature
Location: Moldova
MOLDOVA EUROPEANĂ

СЕРТИФИКАТ

№ JBS - 249/1/2021

Настоящий сертификат удостоверяет, что:

LOTOS Oil Sp. z o.o.
ul. Elbląska 135, 80-718 Gdańsk
и
ul. Łukasiewicza 2, 43-502 Czechowice-Dziedzice

соответствует требованиям

PN-EN ISO 9001:2015-10, PN-ISO 45001:2018-06 и PN-EN ISO 14001:2015-09

в следующем:

разработка и производство моторных, промышленных масел и пластических смазок, а также оборот базовыми, моторными, промышленными маслами и пластическими смазками

что подтверждено аудитом, проведенным Польским центром по испытаниям и сертификации.

Сертификат действителен при условии соблюдения организацией вышеуказанных требований
с 05.07.2021 по 04.07.2024

S.R.L. "AMID-AUTO" IDNO 1018600036225 SOCIETATEA CU RĂSPUNDERE LIMITATĂ "AMID-AUTO" S.R.L. REPUBLICA MOLDOVA, mun. CHIȘINĂU

Выдано на основании договора № 1688/JBSA/1/2021
Дата решения о сертификации: 05.07.2021
Сертификат имеет квалифицированную электронную подпись.
Варшава, 05.07.2021

Elektronicznie podpisany przez Anna Małgorzata Wyroba
Data: 2021.07.20 13:26:10 +02'00'
Member of the Board

PARTNER OF IQNet

PCA Polskie Centrum Akredytacji – Certyfikacja Systemów Zarządzania
AC 019

IAF Member of Multilateral Recognition Arrangement

ПОЛЬСКИЙ ЦЕНТР ПО ИСПЫТАНИЯМ И СЕРТИФИКАЦИИ 02-844 Варшава, ул. Пулавска 469, тел. +48 22 46 45 200, э-почта: pcbc@pcbc.gov.pl

Denumirea anterioara: **Shell Albida EMS 2**

Shell Gadus *S5 V100 2*

- *Durata lunga de viata*
- *Eficienta imbunatatita*
- *Complex de litiu*

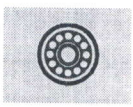
Vaselina multifunctionala de inalta performanta

Shell Gadus S5 V100 este o vaselina pe baza de complex de litiu, obtinuta din uleiuri de baza sintetice si aditivi antioxidanti, EP, antiuzura si antirugina. Produsul contine un modificator special de frecare care este potrivit pentru rulmenti de mare viteza, rulmenti cu role conice si cilindrice, tip NJ, NUP, plus aplicatiile cu unghi de inel.

DESIGNED TO MEET CHALLENGES

Aplicatii principale





Shell Gadus S5 V100 este conceputa pentru lubrifierea rulmentilor cu role care opereaza la viteze moderate, precum si lagare cu un comportament foarte bun la temperaturi scazute. Vaselina are temperatura de pornire foarte scazuta si cuplurile de functionare la temperaturi de pana la -50°C, prin urmare este potrivita pentru ungerea pe tot parcursul anului, de exemplu ventilatoare in aer liber si motoare electrice. Vaselina are o stabilitate mecanica si termica foarte buna si poate fi utilizata in motoare electrice, ventilatoare si pompe la temperaturi de pana la 150°C, in cazul in care exista cereri pentru intervale prelungite de re-ungere.

Specificatii, Aprobari si Recomandari

Pentru lista completa de aprobari echipamente si recomandari, va rugam sa consultati local Shell Tehnic Helpdesk.

Caracteristici fizice (valori tipice)

Proprietati			Metoda	Shell Gadus S5 V100 2
Consistenta Nlgi				2
Penetratie, lucrata la 60 cicluri (0.1 mm)			IP 50 / Astm D217	265-295
Punct de picurare		°C	IP 396	260
Viscozitatea uleiului de baza	@40°C	cSt	IP 71 / Astm D445	100
Viscozitatea uleiului de baza	@100°C	cSt	IP 71 / Astm D445	14
Protectie antirugina: SKF Emcor, Apa distilata				trece
Protectie antirugina: SKF Emcor WWO, Apa distilata				trece
Capacitatea de lubrifiere, SKF R2F A				trece
Capacitatea de lubrifiere, SKF R2F B	@150°C			trece
Stabilitate mecanica, rulare (50 ore)	@80°C			Pass
Interval de temperatura (temporar)		°C		-50 - +150 (200)

Aceste caracteristici sunt tipice pentru productia curenta. In timp ce productia viitoare se va conforma specificatiilor Shell, pot apare variatii ale acestor valori.

Specifications, Approvals & Recommendations

- ISO 6743-3:2003(E) L-DAJ

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Compatibility & Miscibility

- **Miscibility**

Shell Corena S4 R is fully miscible with mineral oils, although dilution with mineral lubricants will markedly reduce its performance. Care must be taken to avoid mixing Shell Corena S4 R with certain other types of synthetic fluids. Contact your Shell representative for further information.

- **Seal Compatibility**

Shell Corena S4 R oils are compatible with seal materials specified for use with mineral oils.

Typical Physical Characteristics

Properties			Method	Shell Corena S4 R 46
ISO Viscosity Grade			ISO 3448	46
Kinematic Viscosity	@40°C	mm^2/s	ASTM D445	46
Kinematic Viscosity	@100°C	mm^2/s	ASTM D445	7.5
Viscosity Index			ISO 2909	135
Density	@15°C	kg/m^3	ASTM D1298	843
Flash Point (COC)		°C	ASTM D92	230
Air Release		minutes	ASTM D3427	2
FZG Test		LS Fail	CEC-L-07-A-95	12
Pour Point		°C	ASTM D97	-48
Water Separability	@54°C	minutes	ASTM D1401	10

These characteristics are typical of current production.

Health, Safety & Environment

- **Health and Safety**

Shell Corena S4 R 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 Safety Data Sheet, which can be obtained from https://www.epc.shell.com

- **Protect the Environment**

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your Shell representative.

Technical Data Sheet

Shell Corena *S4 R 46*

- Extra Long Life
- Improved Efficiency
- Severe Applications

Advanced Synthetic Rotary Air Compressor Oil

Shell Corena S4 R is primarily an advanced synthetic air compressor oil designed to deliver the highest performance lubrication of rotary sliding vane and screw air compressors. It uses a unique advanced additive system to provide excellent protection and performance for compressors running with oil maintenance intervals of 10,000 hours and up to 12,000 hours under certain conditions. Shell Corena S4 R is also perfectly suitable to cover applications where a synthetic bearing & circulating oil or R&O oil (ISO VG 32-68) is required.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **Long oil life – Maintenance saving**

  Shell Corena S4 R is capable of providing oil maintenance intervals of 10,000 hours (where allowed by manufacturers) even when operating at maximum discharge temperatures in excess of 100°C. This may be extended up to 12,000 hours under certain conditions.

  The advanced formulation of Shell Corena S4 R helps deliver exceptional oil life through:

- Exceptional resistance to thermal and chemical breakdown.
- Resist formation of deposits on rotating components in screw compressors and in sliding vane slots for continuous efficient operation.
- Exceptionally low levels of deposit formation to help maintain excellent internal surface cleanliness particularly in oil/air separator and coalescer systems.

  The exact oil maintenance interval will depend on intake air quality, duty cycle and ambient conditions. For hot and humid type climates as found in the Asian and Pacific regions, the lower oil drain period of 10,000hrs is recommended (also consult OEM recommendations).

- **Outstanding wear protection**

  Shell Corena S4 R helps provide exceptional protection of internal metal surfaces from corrosion and wear.

  It contains an advanced ashless anti-wear system to help prolong the life of critical parts such as bearings and gears.

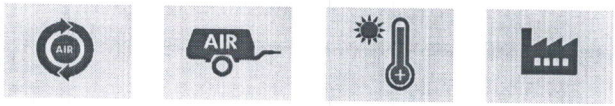
- **Maintaining system efficiency**

  Shell Corena S4 R is designed to provide rapid air release without excessive foaming to give trouble-free operation even under cycling conditions helping to ensure reliable start-up and continuous compressed air availability.

  Shell Corena S4 R also has low volatility which can result in lower evaporation and oil carryover in the compressor, providing reduced oil top-up requirements in combination with increased air quality.

  In addition, Shell Corena S4 R has excellent water separation properties to help ensure continuous efficient operation of the compressor even in the presence of water.

Main Applications



- **Rotary sliding vane and screw air compressors**

  Shell Corena S4 R is suitable for use in oil-flooded/ oil injected single or two-stage rotary vane or screw air compressors.

- **Severe service conditions**

  May be used where exceptionally high ambient temperatures or humidity are found.

- **Bearing & Circulating oil**

  Perfectly suitable to cover applications where a synthetic bearing & circulating oil or R&O oil (ISO VG 32-68) is required, and will provide benefits due to increased resistance to deposits formation, improved low temperature fluidity and lowering of equipment operating temperatures.

LOTOS Oil

Publish date: 20-01-2023 09:57

Distrib.

CERTIFICATE of QUALITY Copy

Control No:	118	/ 2022	For:
Tank No.:	403/S1		
Sample No	118	/ 2022	
Delivery doc:			
Packing,Tank			

LITHIUM GREASE LT-43

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Worked Penetration 25 deg C	234	1/10 mm	ASTM D 217

Certificate of Quality may be duplicated only as a whole.
ECOL Sp. z o.o.Draw certificate date: 12-01-2022
ECOL Sp. z o.o.
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 48/05 wyd.7
Confirm certificate - name: ECOL - Kubacki Jakub
Publish certificate - name: **Sikora Paweł DC 03**

S.R.L. "AMID-AUTO" IDNO 1018600036225 REPUBLICA MOLDOVA, mun. CHISINAU

LOTOS Oil

Publish date: 20-01-2023 10:00

Distrib.

CERTIFICATE of QUALITY Copy

Control No: 120 / 2023 **For:**
Tank No.: 15V025
Sample No 120 / 2023
Delivery doc:
Packing,Tank

HYDRAULIC OIL L-HV 32

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Kinematic viscosity at 40° C	32.60	mm2/s	ASTM D 445-21e1 (A)
2	Pour point	-51	° C	ASTM D 97-17b
3	Flash Point COC	218	° C	ASTM D 92-18
4	Density at 15,0° C	0.8633	g/cm3	ASTM D 4052-22
5	Viscosity Index	149		ASTM D 2270-10(2016)
6	Total Acid Number	0.57	mg KOH/g	ASTM D 664-18e2
7	Demulsibility at 54° C			ASTM D 1401-21
	-volume of oil	40	ml	
	-volume water	40	ml	
	-volume of emulsion	0	ml	
	-time of separability	10	min	
8	Corrosion action Cu at 120° C, 3 h	1	stop.kor.	ASTM D 130-19 (A)
9	Foaming			ASTM D 892-18
	-tendency at 24 deg C	10	ml	
	-tendency at 93 deg C	20	ml	
	-tendency at 24°C ex 93,5°C	0	ml	
10	Stability			ASTM D 892-18
	-at 24° C	0	ml	
	-at 93,5° C	0	ml	
	-at 24° C ex 93,5° C	0	ml	

Certificate of Quality may be duplicated only as a whole.
Laboratory test LOTOS Lab Sp. z o.o.Draw certificate date: 10-01-2023
Symbol (A) in the standard column - The tests were performed by LOTOS Lab Ltd. accredited in this respect by the PCA, No. AB 474
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 2/94 wyd.7
Confirm certificate - name: Besler Paweł
Publish certificate - name: **Sikora Paweł DC 03**

S.R.L. "AMID-AUTO" IDNO 1018600036225 REPUBLICA MOLDOVA, mun. CHIŞINĂU

LOTOS Oil

Publish date: 20-01-2023 10:02

Distrib.

CERTIFICATE of QUALITY Copy

Control No: 186 / 2023 **For:**
Tank No.: 237/E-6
Sample No 186 / 2023
Delivery doc:
Packing,Tank

HYDRAX HLP 32

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Kinematic viscosity at 40° C	31.84	mm2/s	ASTM D 445-21e1
2	Pour point	-33	° C	ASTM D 97-17b
3	Flash Point COC	228	° C	ASTM D 92-18
4	Density at 15,0° C	0.8675	g/cm3	ASTM D 4052-22
5	Water	<0,03	% (m/m)	ASTM D 95-13(2018)
6	Total Acid Number	0.50	mg KOH/g	ASTM D 664-18e2
7	Demulsibility at 54° C			ASTM D 1401-21
	-volume of oil	40	ml	
	-volume water	40	ml	
	-volume of emulsion	0	ml	
	-time of separability	7	min	
8	Corrosion action Cu at 120° C, 3 h	1	stop kor	ASTM D 130-19
9	Foaming			ASTM D 892-18
	-tendency at 24 deg C	0	ml	
	-tendency at 93 deg C	30	ml	
	-tendency at 24°C ex 93,5°C	0	ml	
10	Stability			ASTM D 892-18
	-at 24° C	0	ml	
	-at 93,5° C	0	ml	
	-at 24° C ex 93,5° C	0	ml	

Certificate of Quality may be duplicated only as a whole.
Laboratory test ECOL Sp. z o.o.Draw certificate date: 16-01-2023
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 91/04 wyd.7
Confirm certificate - name: ECOL - Kubacki Jakub
Publish certificate - name: **Sikora Paweł DC 03**

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "AMID-AUTO" S.R.L. IDNO 1018600036225 REPUBLICA MOLDOVA, mun CHIȘINĂU

LOTOS Oil

Publish date: 20-01-2023 09:51

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CERTIFICATE of QUALITY Copy

Control No:	129 / 2023	**For:**	
Tank No.:	15V028		
Sample No	129 / 2023		
Delivery doc:			
Packing,Tank			

SUPEROL CC SAE 30

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Kinematic viscosity at 100° C	11.280	mm2/s	ASTM D 445-21e1 (A)
2	Flash Point COC	274	° C	ASTM D 92-18
3	Pour point	-30	° C	ASTM D 97-17b
4	Density at 15.0° C	0.8796	g/cm3	ASTM D 4052-22 (A)
5	Total Base Number (TBN)	9.0	mg KOH/g	ASTM D 2896-21

Certificate of Quality may be duplicated only as a whole.
Laboratory test LOTOS Lab Sp. z o.o.Draw certificate date: 11-01-2023
Symbol (A) in the standard column - The tests were performed by LOTOS Lab Ltd. accredited in this respect by the PCA, No.AB 474
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 3/98 wyd.6
Confirm certificate - name: Frąckowiak Bartłomiej
Publish certificate - name: **Sikora Paweł DC 03**

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "AMID-AUTO" S.R.L. IDNO 1018600036225 mun. CHIȘINĂU REPUBLICA MOLDOVA

LOTOS Oil

Publish date: 05-04-2023 12:51

Distrib. LOTOS Oil Sp. z o.o. BDO 000025638
Elbląska 135
80-718 Gdańsk

CERTIFICATE of QUALITY Copy

Control No: 4628 / 2022 **For:**
Tank No.: 225/95
Sample No 4628 / 2022
Delivery doc:
Packing,Tank

LOTOS TITANIS GL-5 SAE 80W/90

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Kinematic viscosity at 100° C	14.1	mm2/s	ASTM D 445-21e1
2	Pour point	-30	° C	ASTM D 97-17b
3	Flash Point COC	225	° C	ASTM D 92-18
4	Density,at 15,0° C	0.8958	g/cm3	ASTM D 4052-22
5	Appearance			visual
	-Appearance	C & B		visual
6	Kinematic viscosity at 40° C	141.42	mm2/s	ASTM D 445-21e1
7	Viscosity Index	96		ASTM D 2270-10(2016)
8	Brookfield Viscosity at -26° C	68450	mPa*s	ASTM D 2983-22
9	Water	<0,03	% (m/m)	ASTM D 95-13(2018)
10	Corrosion action Cu at 120° C, 3 h	1	stop.kor.	ASTM D 130-19
11	Lubricating properties on 4-ball appar.			DIN 51350
	-Welding load (Pz)	392	daN	
	-load Wear Index	57	daN	
12	Foaming			ASTM D 892-18
	-tendency at 24 deg C	0	ml	
	-tendency at 93 deg C	10	ml	
	-tendency at 24°C ex 93,5°C	0	ml	
13	Stability			ASTM D 892-18
	-at 24° C	0	ml	
	-at 93,5° C	0	ml	
	-at 24° C ex 93,5° C	0	ml	

Certificate of Quality may be duplicated only as a whole.
Laboratory test ECOL Sp. z o.o.Draw certificate date: 24-10-2022
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 1/02 wyd.6
Confirm certificate - name: ECOL - Kubacki Jakub
Publish certificate - name: **Stachura Tomasz DC 03**

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "AMID-AUTO" S.R.L. IDNO 1018600036225 REPUBLICA MOLDOVA, mun. CHIȘINĂU

LOTOS Oil

Publish date: 05-04-2023 13:06

Distrib. LOTOS Oil Sp. z o.o. BDO 000025638
Elbląska 135
80-718 Gdańsk

CERTIFICATE of QUALITY Copy

Control No: 4697 / 2022 **For:**
Tank No.: 224/91
Sample No 4697 / 2022
Delivery doc:
Packing,Tank

GEAR OIL GL-4 SAE 80W-90

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Kinematic viscosity at 100° C	14.3	mm2/s	ASTM D 445-21e1
2	Pour point	-33	° C	ASTM D 97-17b
3	Flash Point COC	242	° C	ASTM D 92-18
4	Density,at 15,0° C	0.8772	g/cm3	ASTM D 4052-22
5	Kinematic viscosity at 40° C	144.78	mm2/s	ASTM D 445-21e1
6	Viscosity Index	96		ASTM D 2270-10(2016)
7	Corrosion for Synthetic Sea Water	rust free		ASTM D 665-14e1
8	Foaming			ASTM D 892-18
	-tendency at 24 deg C	0	ml	
	-tendency at 93 deg C	0	ml	
	-tendency at 24°C ex 93,5°C	0	ml	
9	Stability			ASTM D 892-18
	-at 24° C	0	ml	
	-at 93,5° C	0	ml	
	-at 24° C ex 93,5° C	0	ml	

Certificate of Quality may be duplicated only as a whole.
ECOL Sp. z o.o.Draw certificate date: 28-10-2022
ECOL Sp. z o.o.
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 32/05 wyd.4
Confirm certificate - name: ECOL - Kubacki Jakub
Publish certificate - name: **Stachura Tomasz DC 03**

"AMID-AUTO" S.R.L. IDNO 1018600036225 REPUBLICA MOLDOVA

LOTOS Oil

Publish date: 05-04-2023 13:08

Distrib. LOTOS Oil Sp. z o.o. BDO 000025638
Elbląska 135
80-718 Gdańsk

CERTIFICATE of QUALITY Copy

Control No: 853 / 2023 **For:**
Tank No.: 15V024
Sample No 853 / 2023
Delivery doc:
Packing,Tank

SIGMUS L- DAB 150

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Kinematic viscosity at 40° C	146	mm2/s	ASTM D 445-21e1 (A)
2	Kinematic viscosity at 100° C	14.520	mm2/s	ASTM D 445-21e1 (A)
3	Viscosity Index	97		ASTM D 2270-10(2016)
4	Copper corrosion, 100°C, 3h	1	stop.kor.	ASTM D 130-19 (A)
5	Pour point	-12	° C	ASTM D 97-17b
6	Flash Point COC	268	° C	ASTM D 92-18
7	Water	<0,05	% [m/m]	ASTM D 95-13(2018)
8	Ash	0.000	% [m/m]	ASTM D 482-19
9	Demulsibility at 82° C			ASTM D 1401-21
	-volume of oil	40	ml	
	-volume water	40	ml	
	-volume of emulsion	0	ml	
	-time of separability	15	min	
10	Rust	rust free		ASTM D 665-14e1
11	Oxidation Stability			DIN 51352
	-Evapor,Loss	3	% [m/m]	
	-Micro Carbon Residue	2.88	% [m/m]	ASTM D 4530-15(2020)
12	Total Acid Number	0.29	mg KOH/g	ASTM D 664-18e2
13	Density,at 15,0° C	0.8830	g/cm3	ASTM D 4052-22

Certificate of Quality may be duplicated only as a whole.
Laboratory test LOTOS Lab Sp. z o.o.Draw certificate date: 09-03-2023
Symbol (A) in the standard column - The tests were performed by LOTOS Lab Ltd. accredited in this respect by the PCA, No AB 1274
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 13/16 wyd.1
Confirm certificate - name: Besler Pawel
Publish certificate - name: **Stachura Tomasz DC 03**

SOCIETATEA CU RĂSPUNDERE LIMITATĂ "AMID-AUTO" S.R.L. IDNO 1018600033225 REPUBLICA MOLDOVA

LOTOS Oil

Publish date: 05-04-2023 13:15

Distrib. LOTOS Oil Sp. z o.o. BDO 000025638
Elbląska 135
80-718 Gdańsk

CERTIFICATE of QUALITY Copy

Control No:	955 / 2023	**For:**	
Tank No.:	412		
Sample No	955 / 2023		
Delivery doc:			
Packing,Tank			

GREASE UNILIT ŁT4 EP-2

Lp	PROPERTY	RESULTS	UNITS	TEST METHOD
1	Worked Penetration 25 deg C	279	1/10 mm	ASTM D 217

Certificate of Quality may be duplicated only as a whole.
Laboratory test ECOL Sp. z o.o.Draw certificate date: 16-03-2023
Manufacturer: LOTOS OIL SP. Z O.O.
Product does meet requirements of the contract: WT 101/04 wyd.9
Confirm certificate - name: ECOL - Kubacki Jakub
Publish certificate - name: **Stachura Tomasz DC 03**

SOCIETATEA CU RASPUNDERE LIMITATA S.R.L. "AMID-AUTO" IDNO 1018600036225 REPUBLICA MOLDOVA, mun. CHISINAU

ИНФОРМАЦИЯ О ПРОДУКТЕ

RENOLIT LX-PEP 2

Описание

RENOLIT LX-PEP 2 это пластичная смазка с широким температурным интервалом применения, приготовленная на базе минерального масла и комплексного литиевого мыла.

Свойства

Комбинация противоизносных и противозадирных присадок обеспечивает отличную стабильность смазочной пленки в условиях экстремальных нагрузок.

RENOLIT LX-PEP 2 содержит антиокислительные и антикоррозионные присадки, предохраняющие подшипник от коррозии в условиях агрессивной атмосферы и повышенной влажности на весь срок службы.

RENOLIT LX-PEP 2 обладает отличной адгезией к смазываемым поверхностям, что в сочетании со смазывающими свойствами продукта сводит износ узла к минимуму.

Применение

RENOLIT LX-PEP 2 используется для смазывания нагруженных подшипников скольжения и качения всех типов, например подшипников горячих воздуходувок, генераторов, электромоторов, печных вагонеток, ручного инструмента и т.п.

RENOLIT LX-PEP 2 широко применяется в автомобильной промышленности и одобрена для закладки в ступичные подшипники легковых и грузовых автомобилей и автобусов.

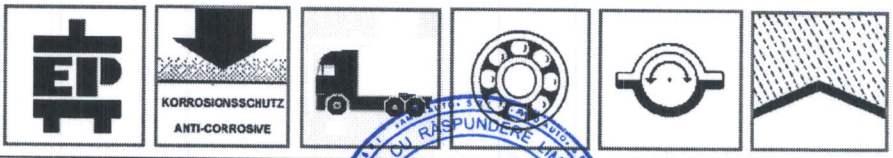
В указанном температурном диапазоне смазка часто используется на весь срок службы узла.

Спецификации

MAN 284 Li-H 2
MB 265.1
VW TL 52147 X
ZF TE-ML 12

Типовые характеристики

Свойства		Единица	Значение	Метод
Классификация			KP 2 N -30	DIN 51 502
			L-X-CDEB 2	ISO 6743-9
Цвет			Зелёный	
Температура каплепадения		°C	>250	DIN ISO 2176
Пенетрация рабочая		0,1 мм	265 - 295	DIN ISO 2137
NLGI класс		-	2	DIN 51 818
Тест на коррозию (SKF-Emcor)		баллы	0 - 0	DIN 51 802
ЧШМ, нагрузка сваривания		H	2600	DIN 51 350-4
Водостойкость		баллы	1 – 90	DIN 51 807-1
Предел текучести, -30°C		гПа	< 1600	DIN 51 805
Коллоидная стабильность,	18ч/40°C	%	< 1	DIN 51 817
Коллоидная стабильность,	7дн/40°C	%	< 4	DIN 51 817
Стабильность к окислению		бар	0,5	DIN 51 808
Вязкость базового масла, 40°C		мм²/с	170	DIN 51 562
Вязкость базового масла, 100°C		мм²/с	14	DIN 51 562
Температурный диапазон		°C	-30 / +150	



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