

TACKY RED

DESCRIPTION

Is a lithium complex thickened lubricating grease based on mineral oil. Containing corrosion inhibitors, anti-oxidants and EP/AW additives. The structure makes TACKY RED suitable for a wide range of temperatures with a high degree of mechanical stability. Enhancing the performance in vibrating housings and prolongs the re-lubrications intervals. TACKY RED sets a new standard for a truly universal grease. Suitable for industrial, automotive, construction & agricultural applications.

PROPERTIES

- Excellent extreme pressure and anti-wear performance.
- Excellent at high temperatures.
- Highly versatile multi-purpose grease.
- Very good mechanical stability.
- High load carrying capacity.
- Good corrosion protection.
- Worked stability, oxidation stability, water resistance.

FIELD OF APPLICATION

- Premium quality multi-purpose grease with applications suitable for wheel bearings GC (severe duty, high temp. frequent stop & go service) and chassis LB (infrequent re-lubrication, high loads, water exposure).
- Good compatibility with other greases.
- Textile equipment, bearings, pivots, hinges, linkages & gear mechanisms, general greasing especially under heavy loads and high temperature.
- To moving components that are open to the elements, such as on forklifts trucks and cranes.
- For use in industrial - automotive - construction & agricultural applications.

USER INSTRUCTIONS

Can be applied manually, or by using standard grease gun or via a central lubricating system designed for and capable of pumping an NLGI 2 grease. Consult a qualified centralised lubrication systems engineer before installation. As with all greases used for the first time, check compatibility with the grease applied previously and if necessary purge area prior to application. Likewise, as a general rule, take care not to over-lubricate and apply the quantity of grease recommended by the manufacturer. When opening buckets or barrels, parts of the oil can be seen on the surface due to the fact that lubricating grease under pressure (autogenously pressure is sufficient) bleeds oil. This oil can never be mixed into the grease again without floating back to the surface eventually if it is mixed down. It is completely normal and you can pour off the oil if you like, but the best is to do nothing at all because it will minimize the risks that you get dirt and impurities in the grease. Leave the lid on at all times, to minimize contamination risks. Particles that can be in the air may seem small, but compared with the lubricating film size they can be large.

**TACKY RED – TAR – 16****Art.no. 20501, 20503, 20505**

Signature: JH

Date: 2022-02-09

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TECHNICAL DETAILS

Packaging:	420ml cartridge: Art.no. 20501 15 kg plastic buck: Art.no. 20503 180 kg drum: Art.no. 20505	Accessories:	Grease Gun Pro: Art.no. 15280
Colour:	Light red.	ISO 12924: DIN 51502:	L-XC(F)DIB2 KP2N-30
Appearance:	Smooth grease.	Water resistance:	1-90 (DIN 51807:1)
Odour:	No strong odour.	Water washout at 38°C:	<10% (ISO 11009)
Basic oil:	Mineral oil.	Oil separation 168h at 40°C	2% (IP 121)
Base oil viscosity:	210 mm ² /s @ 40°C. / 16 mm ² /s @ 100°C (ASTM D 7152)	Lubrication ability SKF R2F test A:	Pass (SKF)
Thickener:	Lithium complex.	Lubrication ability SKF R2F test B (140°C):	Pass (SKF)
NLGI class:	2 (ASTM D217)	Density (20°C):	0,90 g/cm ³ (IP 530)
Penetration 60 strokes:	265 – 295 (ISO 2137)	VOC (directive 2004/42 EG):	0 g/l
Prolonged worked penetration (100,000 strokes):	+30 (ISO 2137)	Timken 55 lbs/25kg:	OK (IP 326)
Roll stability (Shell) 50h/80°C	+70 (ASTM D1831 mod)	4 balls wear scar AW 1h / 400 N:	0,7 mm (DIN 51350:5)
SKF V2F (500 and 1000 rpm):	Pass (SKF)	4 balls EP Weld load:	2800 N (DIN 51350:4)
SKF WBG:	Pass (SKF)	Oxidation stability @100°C Pressure drop after 100 hrs:	14 kPa (ASTM D942)
Dropping point:	>260°C (IP 396)	Flow pressure -35°C:	<1400 hPa (DIN 51805 mod)
SKF Emcor WWO distilled water:	0-1 (ISO 11007 mod)	Shelf life (temp.) months (+5°C to +25 °C):	>24 months
SKF Emcor WWO salt water:	2-2 (ISO 11007)	Reaction with rubber:	Does not contain any Esters. No known reactions on rubber or plastic.
SKF Emcor acid solution:	0-0 (ISO 11007)	Certificate/Registration:	GREEN WORLD, BASTA
Copper corrosion 24h/100°C:	1a (ASTM D4048)	Temperature resist:	-30°C to +140°C (intermittent +180°C)
User Instruction:	Scan the QR-code for video and other information.	Others:	In compliance with the legal regulations, please see current Material Safety Data Sheet. https://veidec.com/en/msds



CERTIFICATES



GREEN WORLD; Has low impact on user and the environment, and is not classified.



Tacky Red is registered by BASTA.

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Normal properties of typical grease types without manufacturing modification or additive treatment (table).

Type Grease Base	Usual appearance	Mechanical stability	Cold weather pumpability	Heat resistance	High temp. Life	Water resistance
Calcium (lime soap)	Buttery	Good	Fair	Fair	Poor	Excellent
Sodium (soda soap)	Fibrous or spongy	Fair	Poor	Good to Excellent	Fair	Poor
Barium	Fibrous	Good	Poor	Excellent	Fair	Excellent
Lithium (12 hydroxystearate) / TAB	Buttery	Excellent	Good to Excellent	Good to Excellent	Good	Excellent
Lithium complex / TAR	Buttery	Excellent	Good to Excellent	Excellent	Excellent	Excellent
Calcium complex	Buttery to grainy	Good	Fair	Good	Fair	Good to Excellent
Aluminium complex	Buttery to grainy	Good to Excellent	Good	Excellent	Fair	Excellent
Non-soap (bentonite)	Buttery	Good	Excellent	Excellent	Good	Good
Polyurea	Buttery	Good	Good	Excellent	Excellent	Excellent
Calcium sulphonate complex	Buttery to grainy	Good	Good	Excellent	Excellent	Excellent

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Relative compatibility rating grease types (table)

Thickener type	Aluminium complex	Barium complex	Calcium stearate	calcium 12-hydroxy	Calcium complex	Calcium sulphonate complex	Clay (non-soap bentonite)	Lithium stearate	Lithium 12-hydroxy	Lithium complex	Polyurea (conventional)	Polyurea (lubrilife)
Aluminium complex	X	I	I	C	I	B	I	I	I	C	I	C
Barium complex	I	X	I	C	I	C	I	I	I	I	I	B
Calcium stearate	I	I	X	C	I	C	C	C	B	C	I	C
calcium 12-hydroxy	C	C	C	X	B	B	C	C	C	C	I	C
Calcium complex	I	I	I	B	X	I	I	I	I	C	C	C
Calcium sulphonate complex	B	C	C	B	I	X	I	B	B	C	I	C
Clay (non-soap bentonite)	I	I	C	C	I	I	X	I	I	I	I	B
Lithium stearate	I	I	C	C	I	B	I	X	C	C	I	C
Lithium 12-hydroxy / TAB	I	I	B	C	I	B	I	C	X	C	I	C
Lithium complex / TAR	C	I	C	C	C	C	I	C	C	X	I	C
Polyurea (conventional)	I	I	I	I	C	I	I	I	I	I	X	C
Polyurea (lubrilife)	C	B	C	C	C	C	B	C	C	C	C	X

B = Borderline **C** = Compatible **I** = Incompatible

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