



EV GREASE

BRAVOIL™

Technical Data Sheet

REX LEP EV GREASE

PRODUCT DESCRIPTION:

REX LEP is a durable synthetic grease designed for long-lasting lubrication of bearings, electric motors, and other electric vehicle components. Engineered with advanced lubricating and conductivity properties, it surpasses the latest requirements for EV greases, delivering superior protection and optimal performance.

APPLICATION:

It is specifically recommended for high-speed electric motor bearing lubrication in both wet and dry e-motor designs used in battery electric vehicles. This synthetic grease features our innovative thickener technology, surpassing the latest performance standards for electric vehicle greases.

FEATURES & BENEFITS:

- Grease is recommended for lubricating electric vehicle motor bearings.
- Suitable for lifetime lubrication.
- Valid for all weather conditions, and can operate from -50°C to 150°C.
- Its synthetic base provides excellent low-temperature pumpability, very low starting and running torque, and low pour point, resulting in excellent cold performance.

TYPICAL PROPERTIES:

PARAMETERS	ASIM	UNIT	REX LEP
Colour	Visual		YELLOWISH
Consistency	NLGI		2/3
Thickener type	Complex lithium soap		Complex lithium soap
Base oil, viscosity at 40°C	ASTM D445	mm ² /s	85
Worked penetration at 60 strokes	ASTM D217	1/10 mm	260
Dropping point	METTLER FP-83HT	°C	280
Flow pressure at -50°C	DIN 51805	mbar	1150
Oxidation stability 100 h	ASTM D942	psi	3
4-ball ,Wear Scar (1 min/80 Kg)	ASTM 2266	ø,mm	0.45
Weld point	ASTM 2596	Kg	270
FAG FE9	ASTM D3527	h	>100
Life Performance at 160°C	ASTM D3527	h	140

DISCLAIMER:

The test data provided is not a final specification; rather, it serves as a guideline and may vary within acceptable production tolerances. Bravoil reserves the right to modify this test data. Any updates will supersede previous versions, so please refer to the most recent Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.bravoil.ae

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.bravoil.ae

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.