

CARRARO OIL

Grease Life EP

Blue-coloured synthetic based grease thickened with a lithium soap. It possesses high EP characteristics, high adhesiveness and good water repellency.

Suitable for several uses in earth moving, agricultural and industrial sectors.

CARRARO GREASE LIFE EP is a synthetic based blue-coloured stringy grease, thickened with a lithium soap.

It is formulated with highly solvent refined mineral base oils and special Extreme Pressure (EP), anti-wear, anti-oxidative, anti-rust and anti-corrosion additives.

Of smooth and shining appearance, it has extremely adhesive properties and resistance to heavy duty mechanical stress.

The selected synthetic base-stocks used confer to the product a high degree of water repellency.

CARRARO GREASE LIFE EP shows the following **properties**:

- excellent Extreme Pressure performance, suitable also for use with loaded bearings;
- good shear stability even under high mechanical stress;
- excellent protection against oxidation, rust and corrosion;
- good resistance to hot and cold water washout;
- extreme adhesiveness which enables to avoid mechanical wear of lubricated parts being used also when contaminated with high percentages of water;
- good resistance to high working temperatures: the product can work even with peaks up to 160°C.

Application fields

CARRARO GREASE LIFE EP is a grease suitable for joints, journal boxes, chassis, hubs, fifth wheels, low speed rolling and plain bearings, rollers for calenders, bearings in mid-speed gear units, generic mechanic movements, industrial equipments, chain transmissions operating also with presence of abrasive dust.

CARRARO GREASE LIFE EP is particularly suitable for several uses in earth moving, agricultural and industrial sectors where, thanks to its strong properties, it allows to extend drain intervals compared to a traditional grease. It can be used also when the use of graphite, P.T.F.E. and/or molybdenum disulphide products is not recommended.

Thanks to its high water-repellency, the product is suitable for further numerous applications such as transport, heavy and processing industry, ports, marine facilities and for all those applications where there is a high presence of water.

Chemical-Physical Characteristics

Carraro Grease Life EP	Method analysis	Unit measure	Value
Colour	-	-	blue
Appearance	-	-	smooth, stringy
Thickener	-	-	lithium
Unworked Penetration at 25°C	ASTM D217	0,1 mm	260
Worked Penetration 60 strokes at 25°C	ASTM D217	0,1 mm	265
Worked Penetration 10.000 strokes at 25°C	ASTM D217	0,1 mm	260 (+/-20)
Dropping Point	ASTM D566	°C	190
Base Oil Density at 15°C	ASTM D1298	kg/l	0,895
Base Oil Kinematic Viscosity at 40°C	ASTM D445	cSt	220
Base Oil Flash Point (C.O.C.)	ASTM D92	°C	260
Copper Corrosion Test (24 hours at 100°C)	ASTM D4048	rating	1a
Water Washout Test (1 hour at 80°C)	ASTM D1264	% (w/w)	3
Oxidation Stability (pressure drop at 100/400 hours)	ASTM D942	kPa	15 / 65
Timken Test, OK Load	ASTM D2509	lbs	45
4 Ball EP Test - Welding Load (10s, 1800rpm)	ASTM D2596	kgf	220
Oil separation during storage (168h at 40°C)	DIN 51817	% (w/w)	< 3
Recommended Working Temperatures	-	°C	-20 / +140

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.