



SHANGHAI PING YIAO TRADING CO.,LTD.

Tel: 86-21-64705533

Fax: 86-21-64820538

24H: 86-15900706965

Website: www.pingyiao.com

E-mail: info@pingyiao.com

Highest pressure adhesive lubricant

Rivolta S.K.D. 3400 is an extremely penetration-stable, water-resistant and temperature-stable grease for use at highest compressive stresses.

In addition to high-quality, aging-resisting base oils with an optimised organic thickener RIVOLTA S.K.D. 3400 contains a new additive-system that reduces friction and wear in the range of mixed friction drastically and offers together with solid lubricants an optimal compressive strength under all working conditions.

The property

- **consistent grease with flow limit**
- **water-, contamination-, and weather-resistance**
- **extremely penetration-stable, aging resistant**
- **operative temperature range from -30°C up to +140°C**
- **high base oil viscosity, colloidal dispersed solid lubricants, additive technologie of the fourth generation**
- **no classification necessary according to the German hazardous substances ordinance**

will give the following benefits

- extremely adhesive; no drain off or drop off of the lubricant. No take off of the lubricant by mechanical means.
 - qualified for the lubrication of open friction surfaces with the influence of weather and dust excellent protection against corrosion
 - ideal long-term lubricant, reduced maintenance because of enlarged re-lubrication intervals, reduced labour costs
 - qualified for use in a wide temperature range, optimal at low and very high temperatures with constant good lubrication efficiency
- highest pressure stable lubricant film, very good friction and wear characteristics, raises the life-time of highly loaded items, acts shock- and vibration-absorbing, smoothes damaged gear wheel surfaces and with that reduces the expenditure of maintenance and repair
- S.K.D. 3400 stands for a maximum of personal protection. The appropriate use of S.K.D. 3400 does not create any risks for the workers' health.

**Rivolta S.K.D. 3400, the optimal long-time lubricant
for highly-loaded open gear wheels and gearings**



Highest pressure adhesive lubricant

High performance grease containing adhesive-, anti-oxidation-, anti-aging, anti-corrosion- and anti-wear-additives and solid lubricants. Colour: grey-black			
Technical data	Unit of measurement	Norm	S.K.D. 3400
Density	g/ml	DIN 51757	0.960
Viscosity of base oil at 40°C	mm ² /s	DIN 51562/1	840
NLGI-grade	-	DIN 51818	3
Worked penetration	1/10 mm	DIN ISO 2137	220-250
ΔPW 100,000 Decrease of worked penetration after 100,000 double cycles	1/10 mm		<30
Operative temperature range	°C		-30/+140
Dropping point	°C	DIN ISO 2176	>180
Flashpoint of base oil	°C	DIN ISO 2592	240
Pumpable up to	°C	DIN 51805 (Flow pressure < 1.4 bar)	-30
VKA Welding load	N	DIN 51350	4600

Compatibility:

Rivolta S.K.D. 3400 is not aggressive to common metals, paints and plastics. It is compatible with seals resistant to mineral oil. Do not mix with other greases.

Preparing of lubrication point:

remove contaminations and residues as good as possible. If necessary use RIVOLTA S.K.D. 16 for cleaning. The friction points should be dry to get the full adhesive properties of our product.

Applications

- **open gears:** highly-loaded gearings with shocklike or vibrating load, extreme dust and weather conditions, e.g. transport systems, crushing machines, dredgers, cranes, at mining, gears at sluices etc.
- **gear wheels, racks:** at production and transport systems, e.g. sledge hammers, mechanical presses, transport systems, packing machines, racking machines, textile machines, paper and printing machines
- **bolts, levers, joints:** at very slow sliding speed, high surface pressure and extreme influence of weather, e.g. at dredgers, cranes, sluices, purification plants, harbour plants
- **slide rails, check rails:** at very high surface pressure and slow sliding speed, e.g. rails of cranes, pressure plates of semitrailer trucks
- **rolling and plain bearings:** large-size, slow running bearings with high shocklike load, e.g. bearings at crushing machines

Processing

- **spray can:** spray the lubricant from a distance of 15 to 20 cm uniformly on the friction point, after 10 minutes an adhesive fully carrying lubrication film will be formed
 - **in bulk ware:** apply uniformly with a spatula or a hard brush, take care that no dirt will be dragged in
- ⇒ You can get further information about the use in automatic lubricating systems by contacting our department of technical support.

This text contains facts and statements and is determined with our best knowledge and will be checked continuously. These statements are depending - among other reasons - on experiences gained in the industry. We only pass them on without liability. Before using our products you should test the applicability and you should convince yourself about the satisfactory performance. Our application examples and suggestions should not request to violate patent rights.