



R K PETROLEUMS

Where Quality Comes First



GEAR OILS

CONTENTS:

ARKO GEAR OILS SP 68,100,150,220,320,460,680 **3**

ARKO GEAR OILS ZN 68,100,150,220,320,460 **4**



ARKO GEAR OIL SP 68,100,150,220,320,460,680

Applications:

ARKO Gear SP Oils are premium quality lubricants fortified with sulphur-phosphorous type of EP additives. These oils are recommended for the lubrication of heavy-duty enclosed gear drives with circulation or splash lubrication systems operating under heavy or shock loading up to operating temperature of 110 °C. They are also recommended for systems with plain and roller bearings, sliding surfaces, chain drives, sprockets, flexible coupling employing splash, circulation or spray lubrication systems, requiring oil to withstand extreme pressures. They are not suitable for gear systems with brass, bronze and white metal components.

Standards:

ARKO Gear SP Oils conform to performance standards of IS:8406/93 (Reaffirmed 2016), AGMA STANDARD 250.04/9005-D94 and Cincinnati Machine – P-63, P-76, P-77, P-74, P-59.

Advantages:

ARKO Gear SP Oils have excellent anti-foam, anti-rust and anti-oxidation properties and thermal stability making them ideal for heavy shock loads operations. They have excellent low and high temperature resilience, providing consistent service even at temperatures up to 110 °C and may also be used for spray lubrication systems requiring extreme pressure. They also enhance high load carrying capabilities and reduce galling, scuffing and welding.

Typical properties:

Sr. No.	Characteristics	Test Method	ARKO Gear Oil SP						
			68	100	150	220	320	460	680
1	Colour, max.	Visual	3.0	3.0	3.5	4.0	4.5	4.5	8.0
2	Kinematic viscosity at 40 °C, cSt min.	ASTM D 445	68	100	150	220	320	460	680
3	Viscosity index, min.	ASTM D 2270	95	95	95	95	95	90	90
4	Flash point, COC, °C, min.	ASTM D 92	210	210	230	230	240	245	250
5	Timken OK load, min., in kg	ASTM D 2782	60	60	60	60	60	60	60
6	FZG gear fail load stage	DIN 51354	12	12	12	12	12	12	12
7	Rust test	ASTM D 665	Compl ies	Compl ies	Compl ies	Compl ies	Compl ies	Compl ies	Compl ies
8	Copper corrosion at 100 °C, 3 hrs.	ASTM D 130	Not more severe than 1						

PACKING: 20ltr, 35ltr, 50ltr, 210ltr

The above properties are typical values and do not constitute specification of the product.

Disclaimer: R K PETROLEUMS makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products.

Final determination of suitability of the product for the application contemplated by the users is solely their responsibility.

ARKO GEAR OILS ZN 68,100,150,220,320,460

Applications:

ARKO Gear Oils ZN are a series of specially formulated blends for the lubrication of multistage spur gear boxes (made of non-ferrous metal), chain drives and machine tool oiling systems with metallic moving parts that are prone to wear. Considering their end use, these need anti-rust, anti-wear and anti-foam type of lubricants for their effective lubrication. ARKO Gear Oils ZN can be used in hydraulic systems too.

Standards:

ARKO Gear Oils ZN are proprietary products. Each grade in the series has been specially formulated using highly refined high viscosity index mineral type base stocks and carefully selected additives.

Advantages:

ARKO Gear Oils ZN provide effective protection against rust and wear to system internals. The blends' anti-foaming properties ensure trouble-free functioning. Regular usage leads to longer service life of gear boxes. Additionally, these oils would also help reduce inventory as they can be used in various other locations.

Typical properties:

Sr. No.	Characteristics	Test Method	ARKO Gear Oil ZN					
			68	100	150	220	320	460
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Colour, max.	ASTM D 1500	2.5	3.0	3.0	3.5	4.5	5.5
3	Kinematic viscosity at 40 °C, cSt min.	ASTM D 445	69	100	150	220	320	460
4	Viscosity index, min.	ASTM D 2270	95	95	95	96	95	90
5	Flash point, COC, °C, min.	ASTM D 92	210	230	230	230	240	250
6	Pour point, °C max.	ASTM D 97	-6	-6	-6	-6	-6	-6
7	Rust test	ASTM D 665	Complies	Complies	Complies	Complies	Complies	Complies

PACKING: 20ltr, 35ltr, 50ltr, 210ltr

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MANUFACTURERS OF:-

- ❖ HYDRAULIC OILS
- ❖ CUTTING OILS
- ❖ MACHINE OILS
- ❖ SILICONE EMULSION
- ❖ GREASES
- ❖ GEAR OILS

TRADERS & MARKETERS OF:-

- ❖ LUBRICATING OILS
- ❖ L.D.O & FURNACE OIL
- ❖ RUBBER PROCESS OILS
- ❖ BASE OILS
- ❖ PETROLEUM JELLY
- ❖ WAXES
- ❖ INDUSTRIAL SOLVENTS
- ❖ PLASTISIZERS
- ❖ ALL TYPES OF RAW RUBBER

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