

AXNOL HYDRAX SERIES

HIGH PERFORMANCE INDUSTRIAL HYDRAULIC FLUID

AXNOL HYDRAX series oils are high quality premium anti wear oils, especially designed for the lubrication of hydraulic and circulating equipment in various industrial and mining sector. These oils provide high efficiency and extra protection from wear and tear with long oil drain interval.

These oil resist breakdown under heat and mechanical stress and counter to prevent sludge deposit with advanced additive technology and helps to extend oil life and stop damaging the hydraulic power system.

XCELLENT IN PERFORMANCE

Performance, Features & Benefits.

•Long oil life – Cost Saving

Axnol Hydrax series oils are formulated with selected Mineral base oil with high performance anti wear additive to resist thermal and chemical breakdown throughout the maintenance interval. They withstand high thermal loading and resist the formation of sludge to provide extended oil life capability, and provide excellent stability in the presence of moisture, which ensures long fluid life.

•Industrial and Mobile Hydraulic systems

Axnol Hydrax series oils are formulated using special additive system to provide extended oil life and performance which allow trouble-free application in most hydraulic application in various industrial and mining equipment.

•Excellent - Reduce wear & tear with corrosion protection

Due to selected base oil and advanced additive technology, these oil enhance protection from sludge and helps to maintain clean hydraulic system. These oils also counter to reduce wear & tear of all metal parts inside the equipment and provide smooth function of Machinery.

Axnol Hydrax series oils are carrying excellent corrosion protection, protecting all metal components, even in the presence of contamination by moisture.

• Maintaining equipment Life

Axnol Hydrax series of oils have good water separation properties and control lubrication systems to help extend the life of the hydraulic equipment and ensure efficient lubrication of the contact areas.

•Other applications

Axnol Hydrax series of oils are suitable for lubrication of Industrial application like hydraulic power pack and other earthmoving equipment with other components in circulating and bath – lubricated systems.

Meet the Specification

- Bosch Rexrothe Fluid
- Parker Denison (HF-0, HF-1)
- ISO 11158-(HM Fluid)
- Din 51524 – Part 2

Product- Specification

Properties	Method	VG 32	VG46	VG 68	VG 100	VG 150	VG 220
ISO Viscosity Grade	ISO 3448	32	46	68	100	150	220
Kinematic Viscosity @40°C mm ² /s	ISO 3104	32	46	68	100	150	220
Kinematic Viscosity @100°C mm ² /s	ISO 3104	5.3	6.6	8.8	11.1	14.9	17.8
Viscosity Index	ISO 2909	98	98	105	98	98	98
Density @15°C kg/m ³	ISO 12185	8.40	.850	.0860	.88	.888	.895
Flash Point (COC) °C	ISO 2592	>212	>225	>232	>243	>257	>258
Pour Point °C	ISO 3016	-24	-24	-24	-18	-16	-15

These characteristics are typical of current production. Whilst future production will conform to Axnol's specification, variations in these characteristics may occur.

Health Safety & Environment

Axnol Hydrax is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and safety is available on the appropriate Material Safety Data Sheet, which can be obtained from

Environment Safety

Store used oil as per standard collection point. Stop discharge into drains, soil or water.

Additional Information

Advice

Advice on applications not covered here may be obtained from your Axnol representative