

KYNOS HYDRA FG AW

Hydraulic Oils

KYNOS LUBRICATION PRIVATE LIMITED

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Highly Refined base stocks in combination with the latest additive technology.

KYNOS HYDRA FG AW is a premium hydraulic oil specifically formulated for use in the food production and processing industries. This advanced hydraulic lubricant is crafted using specially selected, highly refined base stocks, combined with the latest additive technology, ensuring optimal performance and reliability in hydraulic systems where incidental contact with food or raw materials may occur.

It is designed to be nontoxic, making it suitable for applications where accidental contact with food or raw materials can happen. This aspect ensures compliance with strict health and safety regulations in food processing environments.

Applications

- Hydraulic Presses: Used in manufacturing processes such as forming, moulding, or pressing food products, ensuring smooth operation and reliable performance.
- Suitable for use in hydraulic systems that handle bottling or canning processes in the food and beverage industry.
- Employed in hydraulic conveyor systems that transport food products within production lines, maintaining efficiency and safety.

Performance Level

- IS 8406:1993, IS 12656:1989
- DIN 51524
- IS 12656 NSF H1
- BIS Compliance

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Typical Performance Data

Properties	Test Method	HYDRA FG AW					
		15	22	32	46	68	100
ISO Viscosity Grade	ASTM D-2422	15	22	32	46	68	100
Viscosity Index	ASTM D-2270	>124	>130	>135	>135	>135	>130
Viscosity @ 40 °C, mm ² /s	ASTM D-445	21	32	47	70	100	145
Viscosity @ 100 °C, mm ² /s	ASTM D-445	4.5	5.4	6.5	8.4	10	13.5
Flash Point, °C Minimum	ASTM D-92	210	232	242	265	265	265
Pour Point, °C Max	ASTM D-97	< -24	< -24	< -21	< -21	< -18	< -15
Density @ 15 °C, gm/cc	ASTM D-1298	0.82	0.83	0.84	0.84	0.85	0.85

*All performance data on this Technical Data Sheet are indicative only and may vary during production.

All Ingredients are FDA listed ingredients under 21 CFR 178.3570 and complies the requirement of NSF H1 and meet the USFDA 1998 H1 Guidelines.

These products do not contain genetically modified ingredients, and nut oil or derivatives. The product is non-hazardous.