



GLOBALSYNTH

GLOBALSYNTH LUBRICANTS PVT LTD

An ISO 9001 : 2015 CERTIFIED COMPANY

GLOBALSYNTH industrial oils designed for general purpose hydraulic systems lubrication. Formulated with solvent refined base stocks and performance improving additives they provide improved wear, oxidation and rust protection. Superior cleanliness and outstanding filterability help to maintain or enhance hydraulic system efficiency.

APPLICATIONS

- Wide range of industrial hydraulic systems
- Vane and gear pumps operating under high loads, as recommended by pump manufactures.
- Severe service hydraulic systems, employing axial and radial piston pumps, as recommended by pump manufactures.
- Lightly loaded industrial gears and bearings where mild anti-wear characteristics are required

Features	Advantages and Potential Benefits
Superior cleanliness	Reduced impact of contaminants on filter blocking to prolong the life of hydraulic equipment.
Anti-wear protection	Help extend component life and improve production capacity.
Oxidation stability	Low sludge formation to extend oil drain interval life and minimizing maintenance costs.
Low foaming	Provide efficient hydraulic power transfer to prolong engine life.
Corrosion protection	Prevents corrosion of system components to extend overhaul intervals.
Hydrolytic stability	Superior hydrolytic stability.
Anti-rust protection	Excellent rust protection.

Meets the requirements:

- DIN 51524 Part 2 &3

Properties	Method	Globalsynth Hydraulic			
		32	46	68	100
ISO Viscosity Grade		32	46	68	100
Kinematic Viscosity @40°C, mm ² /s	ASTM D445	32	46	68	100
Viscosity Index	ASTM D2270	110	110	110	110
Flash Point (COC), °C	ASTM D92	220	230	238	246
Pour Point, °C	ASTM D97	-18	-18	-12	-12
Total Acid Number, mg KOH/g	ASTM D664	0.01	0.01	0.01	0.01
Cleanliness class, max	ISO 4406	-/17/14	-/17/14	-/17/14	-/17/14
Density @15°C, kg/m ³	ASTM D4052	865	868	885	892

These characteristics are typical values and do not represent a specification.

HEALTH, SAFETY & ENVIRONMENT

Health, Safety and Environment This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

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