TECHNICAL INFORMATIONS

LUBRAX HYDRA XP

Oil for hydraulic systems operating under severe pressure and temperature conditions. Available in ISO grades 5, 10, 15, 22, 32, 46, 68, 100, 150 and 220.

HYDRA LUBRAX XP prevents wear and corrosion of the lubricated parts. It is formulated with paraffinic base oils and its special additives assure a high oxidation stability, wear protection and resistance to foaming.

HYDRA LUBRAX XP is specially recommended for high pressure hydraulic systems, like elevators, mining equipment, plastic molding and injection machines, presses and machine tools.

HYDRA LUBRAX XP meets the stringent requirements of hydraulic equipment manufacturers, including Cincinnati Machine thermal stability tests, Denison filterability test and wear tests specified by Vickers and Denison. It is recommended whenever a DIN 51524 part 2 (HLP)(1) oil is required.

LUBRAX HYDRA XP 68 meets the CINCINNATI MACHINE P-69 and Vickers 35VQ25 category, being recommended for automotive hydraulic systems, such as farm machinery, tractors and bulldozers.

The name **LUBRAX HYDRA XP** is the new designation of former **LUBRAX INDUSTRIAL HR-...- EP**.

Additives - corrosion inhibitor, antiwear, antifoam, antirust, antioxidant and pour point depressor.

TYPICAL ANALYSIS(2)

ISO GRADE		5	10	15	22	32	46	68	100	150	220
Density at 20/4℃		0,845	0,855	0,857	0,860	0,863	0,869	0,874	0,880	0,886	0,892
Flash point (COC)	(℃)	138	186	198	212	232	244	260	270	274	280
Pour point	(℃)	-15	-24	-33	-15	-21	-18	-18	-18	-12	-9
Viscosity at 40℃	(cSt)	4,43	10,53	15,07	20,8	30,2	44,3	65,3	94,9	147,0	217
Viscosity at 100℃	(cSt)	1,60	2,73	3,56	4,24	5,38	6,83	8,77	11,08	14,82	19,04
Viscosity index		95	96	118	108	113	110	107	103	100	99
Total Acid Number	(mgKOH/g)	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41	0,41
Demulsibility (separation time)	(minutes)										
at 54℃:		11	14	14	16	16	20	25	–	–	–
at 82℃:		–	–	–	–	–	–	–	15	15	20

(1) The ISO 4406 limits are guaranteed on demand, resulting in additional filtering costs.
(2) These values represent average results obtained during production and do not constitute a specification. Minor variations which do not affect product performance are expected to occur. Please consult our technical assistance for more detailed information.

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LUBRAX BR PETROBRAS

There is no need for extra additives. Dispose of used oils and packaging according to local regulations. Preserving the environment is everyone's responsibility.