

HUTPLEX HV

GENERAL FEATURES:

Multi-purpose grease - consistency group NLGI No. 1.5, belonging to a new class of lubricants in the ORLEN OIL offer, characterised by high mechanical and thermal resistance, as well as resistance to water and corrosive action of external agents. The high share of sulfonate thickener ensures unique anti-wear properties, extreme pressure resistance and excellent anti-corrosion properties in the salt and hot water environment.

APPLICATION:

High temperature sulfonate lubricants HUTPLEX HV are the highly adhesive EP greases designed to lubricate machine parts in mining, metallurgical, heavy and maritime industry, in particular for friction centres exposed to high impact loads and low torques, operating in high dust level, exposed to water and brine. The grease is well-suited for coal and copper mines for lubrication of bearings, dowel connections and other mechanisms of machinery and equipment operating in temperature range from -30 to 180°C. HUTPLEX HV also works well in difficult metallurgical applications, being used for lubrication of roller bearings of rolling stands.

STANDARDS, APPROVALS. SPECIFICATION:

ISO 6743/9: L-X-CFIB-1,5

PARAMETERS	UNIT	TYPICAL VALUES
Consistency group	NLGI	1.5
Base oil viscosity at 40°C	cst	420
Operating temperatures	°C	-30 do 180
Penetration at 25°C after kneading 60 x	0,1 mm	302
Dropping point	°C	> 300
Examination of anti-corrosive properties using the dynamic method EMCOR (salt water)	points	0-0
Examination of resistance to water washout using the dynamic method 79°C	%	1,49
Scar diameter (40kg, 60 min.) Weld load	mm kG	0,3 800

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

