



PRODUCT DATA SHEET

Havens IGO CLP series

DESCRIPTION

Havens IGO CLP – demulsifying high-performance EP/AW gear oil and general lubricating oil.

Havens IGO CLP series are high performance, gear oils and general lubricating oils with good ageing stability and additives to improve corrosion protection (combat ferrous and nonferrous metal corrosion caused by moisture). Outstanding anti-wear characteristics – good EP/AW performance, excellent protection against scuffing and micro pitting, excellent FE8 roller bearing wear protection, good demulsifying properties, very good foaming suppression, zinc- and silicone oil-free.

APPLICATIONS

Every industrial lubricant recommendation should be done after an expert consultation on the application in question. Only then the best lubricant can be selected. Havens industrial gear oils series “IGO” are fitted to all your industrial applications.

Havens IGO CLP oils fulfil and surpass the minimum requirements of lubricating oils. Universal gear oils for all industrial applications such as in bearings, knuckles, spur, bevel and worm drives and whenever the manufacturer recommends a Type CLP oil.

PERFORMANCE LEVELS

Meets and exceeds:

- CLP according to DIN 51 517: Part3 (2004), ISO 6743-6: ISO 12925-1: CKC, CKD. US Steel 224, David Brown S1.53.10.

TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	Havens IGO CLP series						
Product Name	-	-	68	100	150	220	320	460	680
Density at 15 °C, kg/m3	-	kg/m3	886	890	894	896	900	901	918
Flash point Cleveland, °C	-	°C	236	240	250	260	255	270	270
Kinematic viscosity at 40 °C, mm2/s	-	°C, mm2/s	68	100	150	220	320	460	680
Kinematic viscosity at 100 °C, mm2/s	-	°C, mm2/s	8,7	11,2	14,5	18,9	24,0	30,4	36,8
Viscosity Index	ASTM D2270	-	99	98	94	96	95	95	88

The values shown above are typical values at the date of publication. Havens Lubricants reserves the right to change these typical values without prior notice.

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.havenslubricants.com.