ITALUB INGRA EP

EP Gear Lubricants

Product Description:

Mineral gear oils. Formulated with polyalkylene bases, antioxidants and anti-wear EP additives, able to operate at elevated temperatures. Particularly suitable for use in all types of gears subjected to heavy loads and shocks that operate at elevated temperatures. They can also be used for the lubrication of bearing and circulating systems where it is required a long service life even in the presence of high loads. Exposed to light, these products tend to darken but this in no way affects their quality.

Features and Benefits:

- Low pour point is high viscosity index allow the use from -30 ° C to 120 ° C.
- Good resistance to high pressures and high loads, which reduces wear even in very hostile environments.
- Excellent stability to temperature and oxidation and resulting in long operating life even in presence of critical operating conditions.
- Low coefficient of friction, with a consequent reduction in fuel consumption and operating temperatures.

Specifications and Approval:

Exceeds requirements: **DIN 51517 Part 3, US Steel 224**

Typical properties: ITALUB INGRA EP

ISO Viscosity Grade	01	(2%	))%	$)%	30%	01%
Viscosity ASTM D-445						
cSt @ 40°C	62 - 71	142 - 155	205 - 225	315 - 325	445 - 470	640 - 690
cSt @ 100°C	8,0 – 9,1	13,8 -15,2	18 – 19,8	29 - 33	39,7 – 44,1	62 - 69
Copper Strip Corrosion (3h a 100°C) ASTM D-130	1b	1b	1b	1b	1b	1b
Pour Point, °C, ASTM D-97	-18	-23	-27	-33	-33	-44
Corrosion of steel	passa	passa	passa	passa	passa	passa
Density @ 15°C, Kg/l, ASTM D-1298	0,870	0,875	0,880	0,890	0,910	0,920
Test FZG (A/8.3/90°C) DIN-51354	@()	@()	@()	@()	@()	@()

Health and Safety:

The data related to health, safety and environmental protection are provided in the material safety data sheets.

The above figures are those relating to normal manufacturing tolerances and do not constitute a specification.