

## Oscar HDM GemXP SYN CLPHD

### PRODUCT DESCRIPTION

HDM GemXP SYN CLPHD is synthetic industrial gear oils designed to provide outstanding protection of gears and bearings. High viscosity index allows operation at both high and low temperatures.

### PROPERTIES

- state-of-the-art heavy-duty gear drives in the paper, steel, oil, textile, wood and cement industries where gear protection and optimum oil life are required.
- gears of plastic extrusion machines.

### APPLICATION

Recommended for use in modern, highly loaded gearboxes used in the paper, steel, oil, textile, lumber, and cement industries where gear protection and optimum oil life are required but also plastic extruder gearboxes.

### PERFORMANCE LEVELS

Meets and exceeds:

DIN 51 517: Part3 (CLP), ISO 12925-1; Type CKD; ISO I-CTPR (ISO 12925-1:2018) AGMA 9005-F16

### TYPICAL PROPERTIES

PARAMETERS	TEST METHOD	UNIT	OSCAR HDM GEM XP SYN CLPHD		
ISO VG			150	220	320
Density at 15 °C	ASTM D4052	g/ml	0.86	0.87	0.87
Kinematic viscosity at 40 °C	ASTM D445	mm <sup>2</sup> /s	150	220	320
Kinematic viscosity at 100 °C	ASTM D445	mm <sup>2</sup> /s	21.1	28.5	41.0
Viscosity Index	ASTM D2270	-	165	168	170
Pour Point, °C	ASTM D5950	°C	-44	-43	-42

The values shown above are typical values at the date of publication. Oscar 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.oscarlubricants.com](http://www.oscarlubricants.com)